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# Adolescent and Teenage Pregnancy Report Kansas, 2015

## Research Summary

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Our Vision – Healthy Kansans Living in Safe and Sustainable Environments

Our Mission – To protect and improve the health and environment of all Kansans

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# Executive Summary

Maintaining and improving family health is an essential component of the state's public health mission. Teen pregnancy accounts for a sizable burden on society. According to the Centers for Disease Control and Prevention (CDC), it is a "winnable battle." The Kansas Department of Health and Environment (KDHE) prepares this report annually to provide data to support assessment and evaluation of teen pregnancies in Kansas. KDHE has a number of programs directed at reducing teen pregnancy.

Pregnancy rates among Kansas resident females aged 10-19 dropped by 7.5 percent from 2014 to 2015. Rates among females aged 10-17, 15-17 and 18-19 as individual age groups also dropped in 2015.

The 2015 Kansas pregnancy rate among females 15-17 years of age (11.5 per 1,000 female age-group population) compares favorably with the Healthy People 2020 national target of 36.2 pregnancies per 1,000 female age-group population. The state pregnancy rate for females aged 18-19 (55.9 per 1,000 age-group population) also compares favorably with the Healthy People 2020 national target of 105.9 pregnancies per 1,000 female age-group population.

While Kansas had lower teen pregnancy rates than the national targets, the state's birth rates for females aged 15-19 were lower than the national rates from 1996 to 2006. Since 2008, teen birth rates in Kansas have remained higher than the U.S. rate; however, both Kansas and the U.S. birthrates have been declining since then. In 2015, the Kansas rate decreased 7.6 percent, while the preliminary U.S. rate decreased 7.9 percent since 2014.

Some disparities continue to exist among population groups in Kansas. For example, pregnancy rates per 1,000 age-group and population group examined in 2014 and 2015 showed Black non-Hispanic and Hispanic teens between the ages of 10-17 years continue to be higher than the rate for White non-Hispanics. The pregnancy rate among Black non-Hispanics increased slightly in 2015 to 6.8 from 6.7 in 2014, while Hispanics with the highest rate among the population groups decreased from 9.9 in 2014 to 9.0 in 2015. White non-Hispanics continued to decline from 3.8 in 2014 to 2.9 per age-group and population specific populations in 2015.

## Introduction

Maintaining and improving family health is an essential component of the public health mission of KDHE. Facilitating healthy pregnancies and positive birth outcomes pays dividends to Kansas society in the form of reduced maternal and infant mortality and fit children capable of learning and growing into productive adults.

It is in this role that the department, through the Division of Public Health's Bureau of Epidemiology and Public Health Informatics (BEPHI), provides this report so progress in reducing adolescent and teen pregnancy can be monitored. The report, first produced in 1995, informs policy makers, local health departments, program managers, and the public on teen pregnancy outcomes and trends over the past 20 years. Statistics contained herein enable evaluation of progress on this public health issue and identification of emerging concerns.

Adolescent and teenage pregnancy accounts for more than \$9 billion per year in costs to U.S. taxpayers for increased health care and foster care, increased incarceration rates among children of teen parents and lower educational attainment and income among teen mothers [1]. Pregnancy and birth represent significant contributors to high school dropout rates among girls. About 50 percent of teen mothers receive a high school diploma by age 22 compared to 90 percent of women who did not give birth during adolescence [2]. The children of teenage mothers are more likely to have lower school achievement and to drop out of high school, have more health problems, be incarcerated at some time during adolescence, give birth as a teenager, and face unemployment as a young adult [3]. These effects remain for teenage mothers and their children even after adjusting for factors that can increase a teenager's risk of pregnancy, such as growing up in poverty, having parents with low levels of education, growing up in a single-parent family, and having low attachment to and performance in school [4].

The U.S. Centers for Disease Control and Prevention has declared teen pregnancy as one of its ten winnable battles in public health [5]. The nation's Healthy People 2020 objective is to reduce pregnancies among adolescent females aged 15-17 to 36.2 pregnancies per 1,000 female age-group population and females aged 18-19 to 105.9 per 1,000 female age-group population [6].

KDHE is active in a number of areas to reduce teen and adolescent pregnancies, including the Teen Pregnancy Targeted Case Management (TPTCM) Program and the Kansas Abstinence Education Program. The TPTCM program provides comprehensive case management services to pregnant or parenting adolescents in Kansas communities. Program goals are to 1) reduce negative consequences of teenage pregnancy for Medicaid/KanCare-enrolled teens and their children, 2) increase levels of self-sufficiency and goal-directness of participants, and 3) delay subsequent childbearing until completion of basic education or vocational training goals or until age 21. The Kansas Abstinence Education Program addresses teen pregnancy prevention by training child welfare agencies to provide education and training for foster, kinship, and adoptive parents as well as at-risk youth, ages 10-19, in out of home placements. [7] The training utilizes abstinence-based, evidence-informed curricula regarding healthy relationships, decision-making and youth development. KDHE, through its Bureau of Family Health, has set a goal to "reduce teenage pregnancy and resulting health, educational, economic and social consequences for mother and child". [8]

## Methods

The BEPHI Office of Vital Statistics receives reports of live births, stillbirths, and abortions that occur in Kansas. Reporting of Kansas vital events to KDHE is mandated by law (K.S.A. 65-102, K.S.A. 65-2422b, K.S.A. 65-445). The filing of birth and death records began in 1911. Records of births to Kansas residents that occur in other states are received via Inter-Jurisdictional Exchange. All statistics reported are based on pregnancies among women who were Kansas residents at the time of birth or termination of pregnancy.

KDHE collects birth certificate information consistent with the 2003 U.S. Standard Certificates. Data collected since 2005 are based on the standard certificates as

modified for use in Kansas. BEPHI uses an 18 month reporting period when creating an analytical file. Thus all births that occur in a given year, reported during that year or the first six months of the year following, are included in the analytical file. Data used in this report are for 2015. The analytical file is considered 99.99 percent complete.

All vital event records undergo quality improvement processes. The Office of Vital Statistics staff manually review certificate information submitted electronically or on paper forms for missing or illogical information. In addition, the Vital Statistics Data Analysis staff performs computerized checks of the data on an ongoing basis and once prior to closing the analytical file. Corrections or imputation occurs to geographic information, sex of the child, and mother's age. See the technical notes for the *Kansas Annual Summary of Vital Statistics, 2015* for more information [9].

Statistical tabulations were created using SAS statistical software 9.3. Some of the tables contained in this report are also included in the *Kansas Annual Summary of Vital Statistics, 2015*. This is done to enhance the utility of this report to readers. In this report, the reader will also see a number of different combinations of age groups, i.e., 10-14, 10-17, 15-17, 18-19, and 10-19, used in the tabulations. This is done to provide the diverse audience of legislators, policy makers, media, program administrators, and the public who closely monitor pregnancy issues with a data summary that meets their needs. Findings tested for statistical significance will be noted in the Results and Discussion sections. Probabilities (p values) less than 0.05 are reported as statistically significant.

For the purposes of this report "adolescent and teen" refers to persons who range in age from 10 to 19. Pregnancies are defined as stillbirths, abortions, and live births. Readers will be able to review both the frequency of adolescent and teen pregnancies and the population-based rates. Using the population-based rates, comparisons among counties or between county and state are possible. Multi-year rates are prepared for those instances where low counts may inordinately influence a single-year rate. All rates use as the denominator the female population estimates for the age group represented in the numerator. All statistics are based on residence data unless otherwise noted.

Items for which no response was provided are shown as "not stated" (n.s.) in tables and graphs throughout this publication. To ensure statistical accuracy, the "not stated" count is subtracted from the denominator when calculating rates and percentages.

Adolescent and teen pregnancies and births in most Kansas counties are relatively low-frequency events. In such instances, small numerical changes may have a large impact on annual rates. The use of multi-year rates attempts to mitigate the effect of small frequencies. This report uses significance testing to determine whether a county's multi-year teen pregnancy rate is statistically significantly different than the state's rate for the same time period.

The Adequacy of Prenatal Care Utilization (APNCU) Index (or Kotelchuck Index) attempts to characterize prenatal care (PNC) utilization based on two independent and distinct dimensions: adequacy of initiation of PNC and the number of prenatal care visits received once care has begun. However, the index does not assess the quality of prenatal care delivered. The APNCU, through the categories of inadequate,

intermediate, adequate, and adequate plus, characterize the adequacy of pregnancy-related health services provided to a woman between conception and delivery [10].

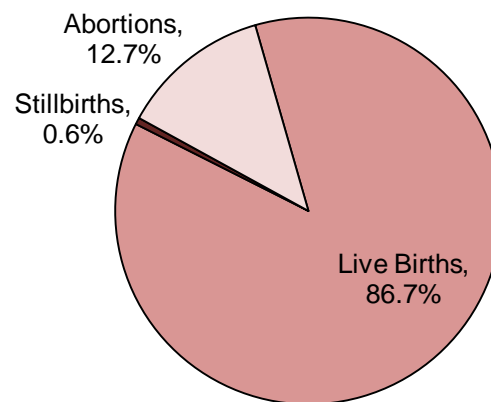
## Results and Discussion

Only selected findings are discussed in this section. Additional detailed tables and figures are provided to support evaluation by county or other characteristics.

Females aged 10-19 accounted for 6.7 percent (2,872) of the 42,942 pregnancies in 2015. Of those pregnancies, 86.7 percent (2,490), resulted in a live birth, 12.7 percent (365) in abortion, and the remainder in stillbirths (17) (Figure A, Table 1).

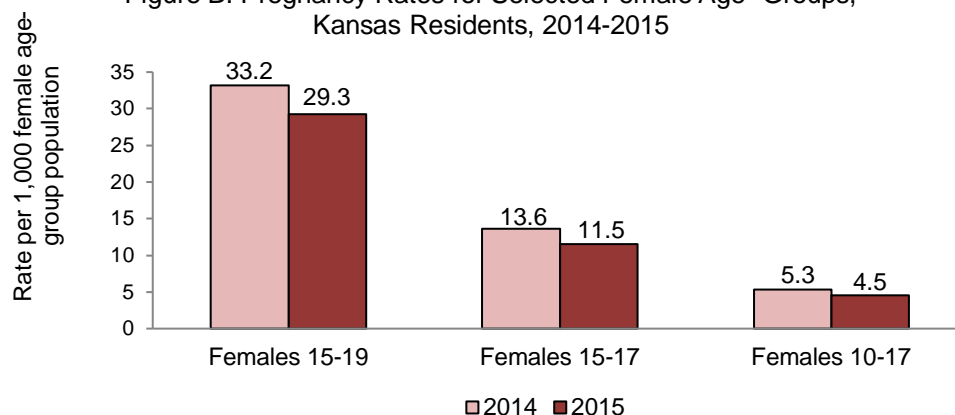
The pregnancy rate for females aged 10-19 was 14.8 per 1,000 female age-group population in 2015, down 7.5 percent from 2014 (16.0) (Table 2).

Figure A. Pregnancy Outcomes among Females Aged 10-19 Years, Kansas, 2015 (n=2,872)



From 2014 to 2015 the pregnancy rate for females aged 10-17 went from 5.3 per 1,000 female age-group population to 4.5, a 15.1 percent decrease. The 2015 rate for females aged 15-19, 29.3 per 1,000, dropped 11.7 percent from the 2014 rate of 33.2 per 1,000. The rate for females aged 10-14 decreased 50 percent from 2014 to 2015 at 0.2 per 1,000 female age-group population. (Figure B, Table 2).

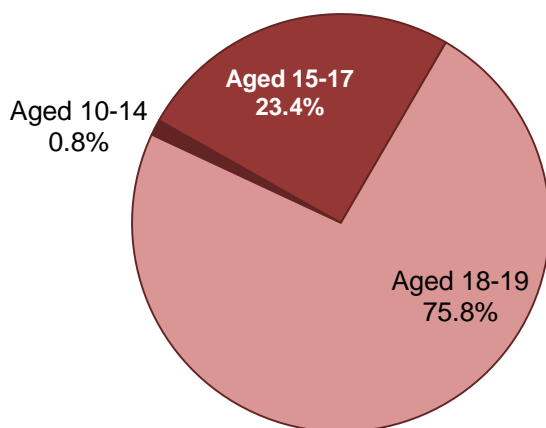
Figure B. Pregnancy Rates for Selected Female Age- Groups, Kansas Residents, 2014-2015





About three out of four (75.8%) pregnant adolescents and teens were 18-19 years of age, 23.4 percent were 15-17 years of age, and 0.8 percent were 10-14 years of age (Table 2, Figure C).

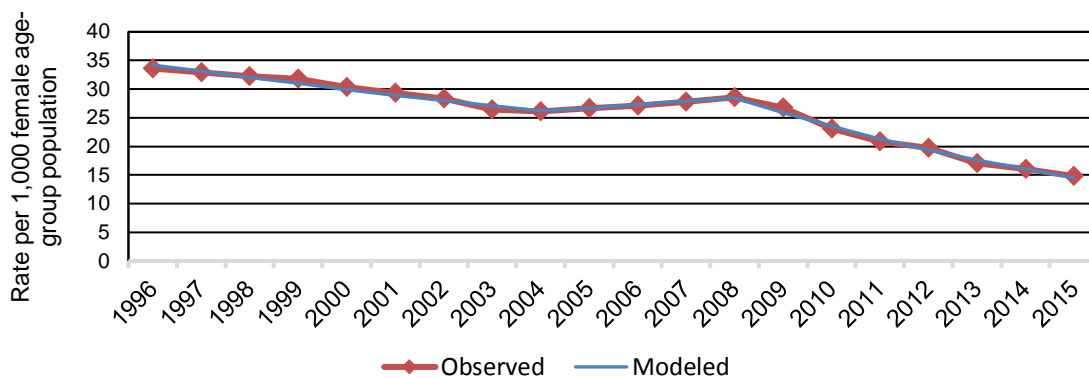
Figure C. Percentage of Adolescent and Teen Pregnancies by Female Age-Group, Kansas, 2015 (n=2,872)



### **Trends 1996-2015**

Overall, the single year rate of adolescent and teenage pregnancies (aged 10-19) decreased from 1996 to 2015. Trends were assessed for significance using Joinpoint regression analysis over the past 20 years. From 1996 to 2004, the annual percentage change (APC) in adolescent and teen pregnancy rates declined significantly (APC = -3.3%; 95%CI: -3.9%, -2.7%), while the annual percentage change from 2004 through 2008 was not statistically significant. However, there was a significant declining trend from 2008 through 2015 (APC = -9.2%; 95%CI: -10.0%, -8.4%). (Figure D).

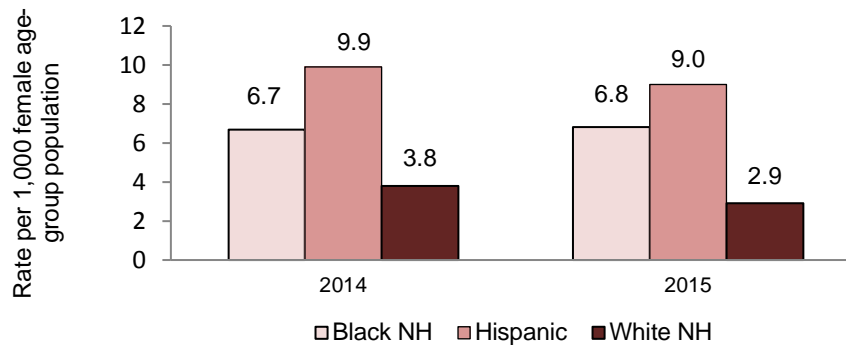
Figure D. Trend in Pregnancy Rates among Females Aged 10-19 Years Kansas, 1996-2015



Kansas teenage pregnancy rates for females 15-19 years of age decreased 56.3 percent between 1996 and 2015. Teen pregnancy rates for females aged 10-17 decreased 71.2 percent during this same time period (Table 2, Figure 1).

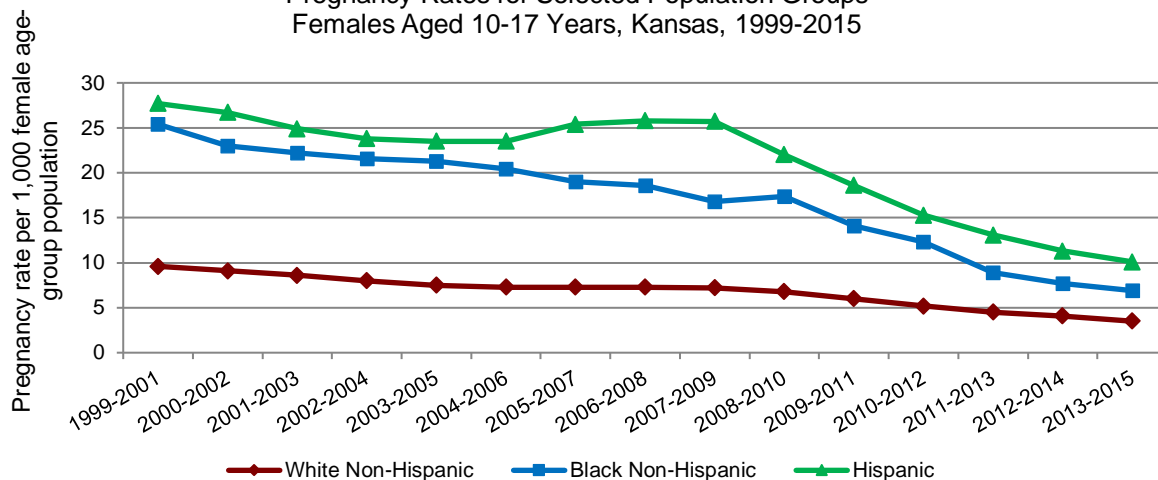
Among selected population groups, the pregnancy rate among females ages 10-17 years increased slightly in Black non-Hispanics, while rates for White non-Hispanic and Hispanics decreased (Figure E, Table 3).

Figure E. Pregnancy Rates among Females Aged 10-17 Years by Selected Population Groups, Kansas, 2014-2015



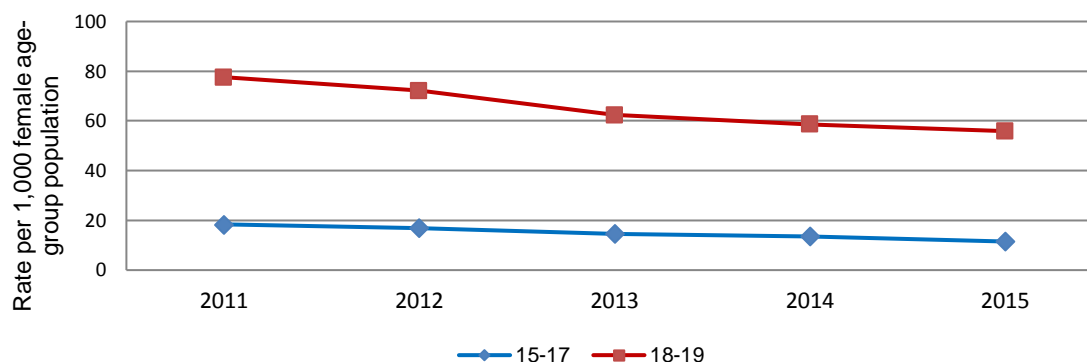
Trends of three year rolling averages from 1999 through 2015 show overall declining trends in pregnancy rates among Black and White non-Hispanic and Hispanic adolescents and teens 10-17 years of age, (Figure F).

Figure F. Three Year Rolling Average Pregnancy Rates for Selected Population Groups Females Aged 10-17 Years, Kansas, 1999-2015



In 2015, pregnancy rates among females 15-17 years of age, (11.5 per 1,000 female age-group population) and females aged 18-19 (55.9 per 1,000 female age-group population) were the lowest rates in five years for both age groups, with a steady decline from 2011-2015. Both rates compare favorably with the Healthy People 2020 national targets of 36.2 pregnancies per 1,000 female age-group population among females aged 15-17 years and 72.2 per 1,000 female age-group population among females aged 18-19 years (Table 2, Figure G).

Figure G. Pregnancy Rates among Selected Female Age-Groups, Kansas, 2011-2015



## Geographic Detail

Five-year (2011-2015) county pregnancy rates for females aged 15-19 were compared to the state rate and tested for statistically significant differences. Rates for 18 counties were significantly higher than the state rate, and rates for 15 counties were significantly lower than the state rate. Rates for 52 counties were not statistically significantly different from the state rate, while the number of pregnancies among adolescents and teens in 20 counties was too small (under 20 pregnancies) for reliable rate comparisons (Figure 4).

Five-year pregnancy rates for females aged 15-19 ranged from a low of 5.9 per 1,000 female age-group population in Washington County to a high of 80.5 per 1,000 female age-group population in Geary County (Table 4). These rates were compared to the five-year state rate of 35.0 per 1,000 female age-group population. The number of teen pregnancies in Washington County, however, was too few for the rate to be considered reliable. Therefore, Ottawa County had the lowest reliable rate of 13.0 per 1,000 female age-group population and was significantly lower than the state rate, while the Geary county rate was significantly higher than the state rate.

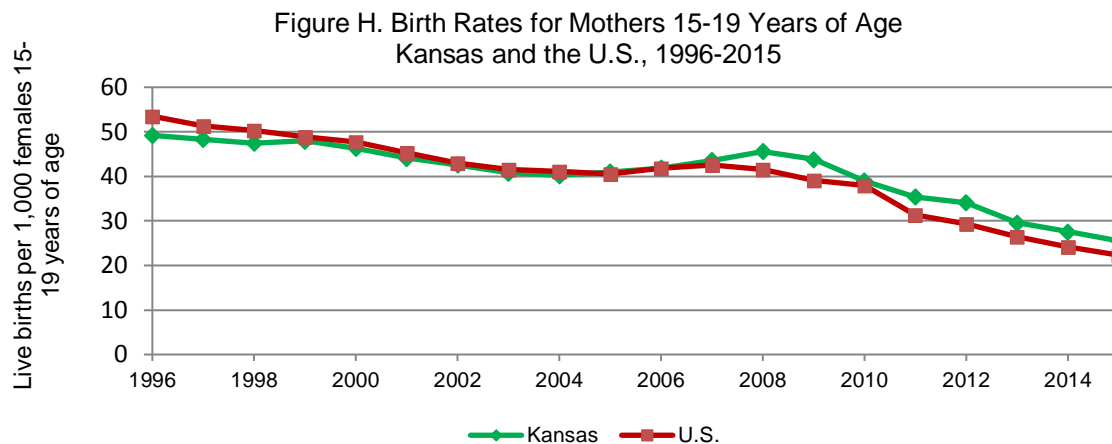
In 2015, densely-settled rural counties had the highest pregnancy rates for 10-19 year old females (17.9 per 1,000 female age-group population), followed by semi-urban (15.5), frontier (15.3), urban (13.8) and rural (13.3) counties (Table 1).

The five-year (2011-2015) teen pregnancy rate for Kansas resident females 10-19 years of age was 17.7 per 1,000 female age-group population. The lowest five-year rate in the state was in Washington County with 2.9 pregnancies per 1,000 females 10-19 years of age. The highest rate was in Geary County with 36.3 pregnancies per 1,000 females 10-19 years of age (Table 5).

## Birth Rates

In 2015, the birth rate for Kansas mothers aged 15-19 (25.5 per 1,000 female age-group population) dropped by 7.6 percent from 2014 (27.6). During the 20-year period from 1996 to 2015, birth rates for Kansas mothers 15-19 years of age decreased by 48.2 percent (Figure H). For 11 years (1994 – 2004), the Kansas rate was lower than the U.S rate for births to teens aged 15-19. Since 2005, the U.S. rate has dropped faster than

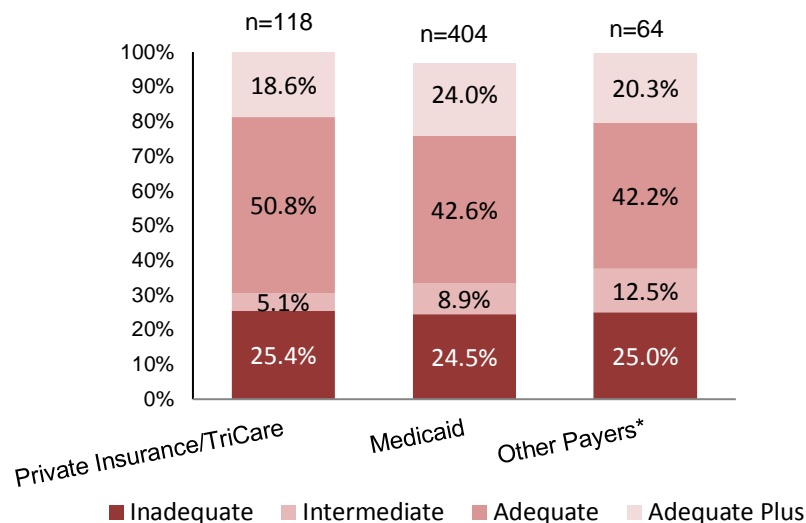
the Kansas rate. In 2015, the Kansas birth rate was higher than the preliminary U.S. birth rate by 3.2 percentage points [11].



## Adequacy of Prenatal Care

Adequacy of prenatal care was examined for adolescents/teens aged 10-17 years by primary payer. No significant differences were found among the payers for less than adequate prenatal care (inadequate +intermediate); private insurance/Tricare (30.5%, 95% CI: 20.3-44.1), Medicaid (33.4%, 95% CI: 26.9-39.9) and other pay sources (37.5%, 95% CI: 22.2-59.3) (Figure I). Of the 588 live births to Kansas mothers aged 10-17, two were excluded because level of adequacy of prenatal care could not be calculated (Figure I).

Figure I. Adequacy of Prenatal Care by Selected Payers among Adolescents Aged 10-17 Years who had Live Births, Kansas, 2015



\*Other payers include other government, self-pay, Indian Health Services, other payer and unknown payer.

# Conclusions

Pregnancy rates continued to decline among Kansas females aged 10-19 in 2015. Declines were seen in all selected age groups 10-17, 15-17, 15-19 and 18-19, with rates comparing favorably with the Healthy People 2020 national targets of 36.2 and 105.9 per 1,000 female age-group populations for aged 15-17 and 18-19, respectively [6] (Table 1).

Birth rates among White non-Hispanic, Black non-Hispanic and Hispanic adolescents and teens aged 10-17 years decreased from 2014 to 2015. While Black non-Hispanic and Hispanic adolescent teen birth and pregnancy rates declined in 2015 from 2014, both population groups remained higher than White non-Hispanic pregnancy and birth rates (Table 3). Among older teens, aged 18-19 years, White non-Hispanic, Black non-Hispanic and Hispanic pregnancy rates and birth rates declined (Table 7).

Pregnant women who receive inadequate prenatal care are at increased risk of bearing infants who have low birth weight, are stillborn, or die within the first year of life [12]. Inadequate prenatal care is strongly associated with preterm birth among adolescents [13]. However, no disparities were found among 10-17 year olds receiving less than adequate prenatal care when private insurance or Tricare, Medicaid or other payers were the primary payers (Figure I).

## Limitations

This report's findings are subject to at least one limitation. An important concern is the issue of receiving vital events from other states within the KDHE reporting deadline. Vital statistics are gathered on an occurrence basis but are traditionally reported on a residence basis. For complete residence statistics, reports must be received from other states for events occurring to Kansas residents. These events are reported for a full calendar year. Because of delays or other late reporting, some vital event reports have not been received by KDHE by the cutoff date of June 30 of the year following the event year. Past evaluations indicate that over 99 percent of all vital events to Kansas residents are received before the cutoff date.

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# Detailed Tables and Figures

Table 1. Pregnancy\* Numbers and Rates† by County of Residence  
and Peer Group by Component and Age-Group  
Females Aged 10-19 Years, Kansas, 2015

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies			Teenage Preg. Rates
	Age-Group		Age-Group		Age-Group		Age Group			Age-Group
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-19	10-19
Allen	0	16	0	0	0	1	0	17	17	20.4
Anderson	0	4	0	0	0	1	0	5	5	9.9
Atchison	0	14	0	0	0	1	0	15	15	11.9
Barber	0	4	0	0	0	0	0	4	4	15.6
Barton	0	29	0	0	0	3	0	32	32	18.5
Bourbon	0	19	0	0	0	1	0	20	20	20.2
Brown	0	11	0	0	0	0	0	11	11	17.3
Butler	0	49	0	0	0	5	0	54	54	10.6
Chase	0	1	0	0	0	0	0	1	1	5.6
Chautauqua	0	3	0	0	0	0	0	3	3	15.5
Cherokee	0	25	0	0	0	2	0	27	27	19.4
Cheyenne	0	5	0	0	0	0	0	5	5	34.5
Clark	0	2	0	0	0	0	0	2	2	13.2
Clay	0	5	0	0	0	2	0	7	7	14.2
Cloud	0	9	0	0	0	1	0	10	10	16.8
Coffey	0	4	0	0	0	1	0	5	5	9.0
Comanche	0	0	0	0	0	0	0	0	0	0.0
Cowley	0	35	0	0	0	6	0	41	41	16.7
Crawford	0	44	0	0	0	3	0	47	47	17.7
Decatur	0	1	0	0	0	0	0	1	1	6.3
Dickinson	0	14	0	1	0	2	0	17	17	13.7
Doniphan	0	0	0	0	0	0	0	0	0	0.0
Douglas	1	51	0	1	0	23	1	75	76	8.9
Edwards	0	1	0	0	0	0	0	1	1	5.0
Elk	0	1	0	0	0	0	0	1	1	6.7
Ellis	0	14	0	0	0	3	0	17	17	9.4
Ellsworth	0	2	0	0	0	0	0	2	2	7.0
Finney	0	73	0	1	1	5	1	79	80	27.7
Ford	0	70	0	0	0	8	0	78	78	32.0
Franklin	0	26	0	1	0	1	0	28	28	16.1
Geary	0	59	0	0	1	9	1	68	69	32.6
Gove	0	1	0	0	0	1	0	2	2	12.7
Graham	0	1	0	0	0	0	0	1	1	7.1
Grant	0	13	0	0	0	0	0	13	13	20.3
Gray	0	2	0	0	0	0	0	2	2	4.1
Greeley	0	2	0	0	0	0	0	2	2	22.2
Greenwood	0	5	0	0	0	1	0	6	6	16.9
Hamilton	0	2	0	0	0	1	0	3	3	17.1
Harper	0	6	0	0	0	0	0	6	6	19.0
Harvey	1	22	0	0	0	2	1	24	25	10.1
Haskell	0	5	0	0	0	2	0	7	7	21.0
Hodgeman	0	2	0	0	0	0	0	2	2	17.5
Jackson	0	15	0	0	0	0	0	15	15	16.7
Jefferson	0	16	0	0	0	3	0	19	19	15.5
Jewell	0	2	0	0	0	0	0	2	2	13.2
Johnson	0	187	0	0	0	75	0	262	262	6.8
Kearny	0	8	0	0	0	0	0	8	8	26.5
Kingman	0	5	0	0	0	1	0	6	6	12.3
Kiowa	0	1	0	0	0	0	0	1	1	5.0
Labette	0	19	0	0	0	3	0	22	22	18.1
Lane	0	0	0	0	0	0	0	0	0	0.0
Leavenworth	0	58	0	0	2	8	2	66	68	13.9
Lincoln	0	2	0	0	0	0	0	2	2	10.3
Linn	0	18	0	0	0	2	0	20	20	30.8
Logan	0	2	0	0	0	0	0	2	2	12.4



**Table 1. Pregnancy\* Numbers and Rates† by County of Residence  
and Peer Group by Component and Age-Group  
Females Aged 10-19 Years, Kansas, 2015**

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies			Teenage Preg. Rates
	Age-Group		Age-Group		Age-Group		Age Group			Age-Group
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-19	10-19
Lyon	0	23	0	0	2	4	2	27	29	12.1
McPherson	0	21	0	0	0	1	0	22	22	11.5
Marion	0	5	0	0	0	0	0	5	5	6.4
Marshall	0	4	0	0	0	0	0	4	4	6.7
Meade	0	6	0	0	0	0	0	6	6	18.0
Miami	0	24	0	0	0	4	0	28	28	11.8
Mitchell	0	5	0	0	0	2	0	7	7	18.0
Montgomery	0	41	0	0	1	4	1	45	46	21.9
Morris	0	4	0	0	0	0	0	4	4	12.5
Morton	0	3	0	0	0	0	0	3	3	13.1
Nemaha	0	9	0	0	0	0	0	9	9	12.9
Neosho	0	22	0	1	0	0	0	23	23	21.4
Ness	0	3	0	0	0	1	0	4	4	21.4
Norton	0	4	0	0	0	0	0	4	4	14.5
Osage	0	11	0	0	0	1	0	12	12	11.5
Osborne	0	1	0	0	0	0	0	1	1	5.2
Ottawa	0	2	0	0	0	0	0	2	2	5.6
Pawnee	0	5	0	0	0	0	0	5	5	16.1
Phillips	0	4	0	1	0	0	0	5	5	14.5
Pottawatomie	0	10	0	0	0	1	0	11	11	6.3
Pratt	0	17	0	0	0	0	0	17	17	27.8
Rawlins	0	4	0	0	0	0	0	4	4	31.5
Reno	1	52	0	0	0	8	1	60	61	15.1
Republic	0	2	0	0	0	0	0	2	2	8.4
Rice	0	7	0	0	0	0	0	7	7	10.4
Riley	0	50	0	0	0	14	0	64	64	13.0
Rooks	0	4	0	0	0	0	0	4	4	12.4
Rush	0	0	0	1	0	0	0	1	1	5.9
Russell	0	4	0	0	0	0	0	4	4	10.8
Saline	0	55	0	0	1	3	1	58	59	17.1
Scott	0	2	0	0	0	0	0	2	2	5.9
Sedgwick	3	498	0	4	0	68	3	570	573	16.5
Seward	0	48	0	0	0	3	0	51	51	28.4
Shawnee	2	186	0	0	0	23	2	209	211	18.4
Sheridan	0	0	0	0	0	0	0	0	0	0.0
Sherman	1	5	0	0	0	1	1	6	7	20.3
Smith	0	2	0	0	0	0	0	2	2	9.9
Stafford	0	12	0	1	0	1	0	14	14	53.0
Stanton	0	3	0	0	0	0	0	3	3	21.9
Stevens	0	4	0	0	0	2	0	6	6	12.8
Sumner	0	28	0	0	0	1	0	29	29	17.8
Thomas	0	7	0	0	0	0	0	7	7	11.9
Trego	0	3	0	0	0	0	0	3	3	20.5
Wabaunsee	1	2	0	0	0	0	1	2	3	6.8
Wallace	0	0	0	0	0	0	0	0	0	0.0
Washington	0	1	0	0	0	0	0	1	1	3.0
Wichita	0	2	0	0	0	1	0	3	3	21.3
Wilson	0	5	0	0	0	0	0	5	5	8.7
Woodson	0	5	0	0	0	0	0	5	5	27.2
Wyandotte	4	276	0	5	0	35	4	316	320	28.6
n.s.	0	0	0	0	0	2	0	2	2	n/a
<b>Kansas</b>	<b>14</b>	<b>2,476</b>	<b>0</b>	<b>17</b>	<b>8</b>	<b>357</b>	<b>22</b>	<b>2,850</b>	<b>2,872</b>	<b>14.8</b>
<b>Peer Group</b>										
Frontier	1	94	0	2	0	7	1	103	104	15.3
Rural	1	199	0	1	0	15	1	215	216	13.3
Densely -Settled Rural	0	505	0	3	3	48	3	556	559	17.9
Semi-Urban	2	422	0	1	3	53	5	476	481	15.5
Urban	10	1,256	0	10	2	232	12	1,498	1,510	13.8

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/3/2016

Table 2  
Pregnancy\* Numbers and Rates† by Year by Age-Group  
Females Aged 10-19 Years  
Kansas, 1996-2015

Year	Teen (10-19) Pregnancies	Age-Group					Teen (10-19) Pregnancy Rate	Pregnancy Rate				
		10-14	15-17	18-19	10-17	15-19		10-14	15-17	18-19	10-17	15-19
1996	6,498	133	2,276	4,089	2,409	6,365	33.9	1.4	38.9	113.4	15.6	67.0
1997	6,469	123	2,260	4,086	2,383	6,346	33.3	1.3	37.4	110.4	15.3	64.7
1998	6,444	108	2,087	4,249	2,195	6,336	32.4	1.1	34.1	107.6	13.8	62.0
1999	6,402	103	1,979	4,320	2,082	6,299	31.9	1.1	32.4	106.3	13.1	60.7
2000	6,090	94	1,819	4,177	1,913	5,996	30.3	0.9	30.1	105.0	12.0	58.7
2001	5,818	79	1,819	3,920	1,898	5,739	28.8	0.8	30.2	101.4	11.9	56.0
2002	5,586	86	1,684	3,816	1,770	5,500	28.3	0.9	28.3	96.0	11.3	54.7
2003	5,174	73	1,559	3,542	1,632	5,101	26.4	0.8	26.6	92.9	10.5	51.3
2004	5,026	71	1,492	3,463	1,563	4,955	26.1	0.8	25.8	86.8	10.3	50.3
2005	5,044	69	1,483	3,492	1,552	4,975	26.7	0.8	25.7	85.1	10.4	50.8
2006	5,192	85	1,507	3,600	1,592	5,107	27.1	0.9	25.5	87.1	10.4	52.2
2007	5,268	70	1,573	3,625	1,643	5,198	27.8	0.8	26.8	93.1	10.9	53.2
2008	5,371	66	1,552	3,753	1,618	5,305	28.6	0.7	27.1	95.7	10.9	55.0
2009	5,036	56	1,417	3,563	1,473	4,980	26.8	0.6	25.2	88.5	10.0	51.6
2010	4,501	59	1,298	3,144	1,357	4,442	23.1	0.6	22.4	77.6	8.8	45.1
2011	4,095	70	1,063	2,962	1,133	4,025	20.9	0.7	18.4	72.2	7.3	40.8
2012	3,823	42	973	2,808	1,015	3,781	19.7	0.4	17.0	70.8	6.6	39.0
2013	3,335	41	841	2,453	882	3,294	17.1	0.4	14.6	62.4	5.7	34.0
2014	3,118	35	783	2,300	818	3,083	16.0	0.4	13.6	58.6	5.3	33.2
2015	2,872	22	673	2,177	695	2,850	14.8	0.2	11.5	55.9	4.5	29.3

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/3/2016

Table 3  
Pregnancy\* Numbers and Rate† and Birth Rates by Year  
by Selected Population Groups  
Females Aged 10-17 Years, Kansas, 1996-2015

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic
1996	1,642	376	325	12.5	34.7	31.6	8.1	27.6	28.1
1997	1,575	406	327	11.9	36.6	29.4	8.1	28.0	26.5
1998	1,462	319	325	11.1	28.2	27.5	7.4	22.1	23.6
1999	1,314	337	352	10.0	29.2	28.0	6.9	22.7	25.5
2000	1,184	293	385	9.3	24.9	29.1	6.5	19.6	25.4
2001	1,202	269	364	9.5	22.4	26.2	6.5	17.3	24.1
2002	1,078	267	364	8.7	21.8	24.9	5.9	16.2	23.6
2003	944	277	358	7.7	22.4	23.6	5.4	15.9	21.4
2004	901	248	351	7.5	20.7	22.9	5.7	15.7	20.7
2005	836	249	380	7.2	20.9	24.0	5.2	15.4	21.2
2006	866	236	408	7.3	19.5	23.6	5.2	14.0	20.9
2007	840	205	504	7.3	16.6	28.5	5.4	13.6	25.7
2008	842	239	460	7.4	19.6	25.4	5.6	15.2	23.3
2009	776	175	437	6.9	14.3	23.3	5.3	10.6	21.8
2010	661	185	416	6.0	18.4	18.2	4.9	14.2	17.1
2011	563	131	363	5.0	10.4	15.3	4.1	8.1	13.8
2012	524	117	310	4.7	9.4	12.7	3.9	7.2	12.0
2013	433	89	293	3.9	7.1	11.5	3.2	6.2	10.7
2014	416	84	257	3.8	6.7	9.9	3.1	5.6	9.3
2015	317	87	241	2.9	6.8	9.0	2.4	5.5	8.2

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population within population group.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/3/2016

Table 4. Pregnancy\* Rates<sup>†</sup> by County of Residence by Year  
Females Aged 10-14 and 15-19 Years, Kansas, 2011-2015

County of Residence	Year											
	2011		2012		2013		2014		2015		5-year Rate	
	Age-Group		Age-Group		Age-Group		Age-Group		Age-Group		Age-Group	
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19
Allen	0.0	37.8	0.0	42.8	0.0	25.0	0.0	23.0	0.0	40.1	0.0	33.0
Anderson	0.0	42.0	0.0	16.7	0.0	29.2	0.0	32.9	0.0	21.9	0.0	30.1
Atchison	0.0	52.6	0.0	27.8	0.0	32.1	0.0	30.4	0.0	19.6	0.0	29.1
Barber	0.0	30.3	0.0	69.9	0.0	29.0	0.0	64.5	0.0	31.7	0.0	43.7
Barton	0.0	55.7	1.1	44.6	0.0	34.8	0.0	42.3	0.0	36.2	0.2	43.0
Bourbon	0.0	60.3	0.0	67.3	2.1	47.0	0.0	66.4	0.0	41.4	0.4	57.6
Brown	0.0	66.1	0.0	43.0	0.0	40.1	0.0	47.8	0.0	39.3	0.0	49.3
Butler	0.0	20.3	0.0	30.6	0.8	22.1	0.0	24.3	0.0	21.1	0.2	23.9
Chase	0.0	10.4	0.0	13.5	0.0	12.0	0.0	11.8	0.0	10.9	0.0	12.3
Chautauqua	0.0	46.7	0.0	36.4	0.0	61.2	0.0	0.0	0.0	34.1	0.0	36.9
Cherokee	0.0	52.4	1.3	45.4	0.0	40.6	0.0	60.3	0.0	39.8	0.3	49.7
Cheyenne	0.0	29.4	0.0	16.4	14.1	52.6	0.0	15.4	0.0	73.5	2.8	38.1
Clark	0.0	39.5	0.0	41.1	0.0	28.6	0.0	0.0	0.0	27.0	0.0	27.4
Clay	0.0	47.1	0.0	28.7	0.0	31.9	0.0	32.5	0.0	29.0	0.0	34.1
Cloud	0.0	33.7	0.0	28.7	0.0	36.4	0.0	41.5	0.0	31.2	0.0	33.1
Coffey	0.0	19.4	0.0	21.3	0.0	13.4	0.0	28.3	0.0	18.6	0.0	20.5
Comanche	0.0	35.3	0.0	0.0	0.0	28.2	0.0	14.3	0.0	0.0	0.0	18.4
Cowley	0.0	56.4	0.0	48.9	0.0	41.2	0.0	38.9	0.0	31.1	0.0	42.8
Crawford	1.7	43.9	0.8	29.7	0.0	33.8	0.9	39.9	0.0	30.5	0.7	33.7
Decatur	0.0	83.3	0.0	15.6	0.0	83.3	0.0	65.8	0.0	13.5	0.0	58.5
Dickinson	1.6	45.0	1.5	37.1	0.0	20.3	0.0	29.9	0.0	28.6	0.6	32.8
Doniphan	0.0	20.1	8.7	37.0	0.0	30.5	0.0	12.4	0.0	0.0	1.8	18.9
Douglas	0.4	31.7	0.7	17.8	0.7	13.9	0.3	12.2	0.3	13.7	0.5	14.6
Edwards	0.0	35.1	0.0	42.1	0.0	10.9	0.0	30.3	0.0	10.4	0.0	27.3
Elk	0.0	23.8	0.0	25.6	0.0	37.5	0.0	40.5	0.0	14.7	0.0	29.3
Ellis	0.0	36.9	1.4	25.0	0.0	29.3	1.3	30.8	0.0	16.6	0.5	24.9
Ellsworth	6.6	13.1	0.0	19.7	7.4	13.5	0.0	14.8	0.0	15.2	2.8	15.2
Finney	1.9	66.1	0.6	68.8	0.0	56.1	0.0	52.9	0.7	53.7	0.7	61.6
Ford	0.0	63.1	0.0	71.0	0.7	56.0	0.0	61.3	0.0	65.3	0.2	65.4
Franklin	1.2	35.1	0.0	42.9	0.0	37.1	1.1	32.4	0.0	32.5	0.4	35.8
Geary	0.0	76.9	0.0	88.3	2.5	69.2	0.0	72.6	0.8	74.2	0.7	80.5
Gove	0.0	0.0	0.0	11.8	0.0	0.0	0.0	12.3	0.0	25.0	0.0	9.6
Graham	0.0	60.6	0.0	40.5	0.0	54.8	0.0	57.1	0.0	14.7	0.0	44.1
Grant	0.0	44.6	0.0	57.8	0.0	60.0	3.0	47.2	0.0	41.4	0.6	52.5
Gray	0.0	22.9	0.0	30.3	0.0	29.3	0.0	23.5	0.0	8.3	0.0	22.9
Greeley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.5	0.0	11.0
Greenwood	0.0	46.2	0.0	68.2	0.0	45.7	0.0	58.1	0.0	34.3	0.0	53.8
Hamilton	0.0	56.1	0.0	85.7	0.0	71.4	0.0	24.7	0.0	35.3	0.0	56.3
Harper	0.0	33.5	0.0	31.6	0.0	38.3	0.0	38.9	0.0	38.7	0.0	36.0
Harvey	0.0	41.8	0.0	41.1	0.0	37.5	0.0	25.2	0.8	18.9	0.2	33.1
Haskell	0.0	29.6	0.0	77.8	0.0	45.5	0.0	42.4	0.0	41.7	0.0	48.5
Hodgeman	0.0	14.1	0.0	0.0	0.0	15.6	0.0	0.0	0.0	33.3	0.0	12.9
Jackson	0.0	30.9	0.0	19.9	0.0	32.3	0.0	33.9	0.0	34.6	0.0	30.8
Jefferson	0.0	19.9	0.0	30.4	0.0	13.3	0.0	13.4	0.0	31.0	0.0	22.3
Jewell	0.0	12.8	0.0	61.0	0.0	48.2	0.0	38.0	0.0	23.3	0.0	37.1
Johnson	0.3	18.1	0.1	20.5	0.2	16.2	0.2	16.6	0.0	14.3	0.2	17.7
Kearny	0.0	35.7	0.0	35.0	0.0	36.0	0.0	37.0	0.0	53.3	0.0	40.9
Kingman	0.0	32.6	0.0	22.3	0.0	35.2	0.0	12.2	0.0	23.4	0.0	25.0
Kiowa	0.0	37.0	0.0	28.6	0.0	9.4	0.0	28.6	0.0	9.3	0.0	20.1
Labette	3.2	48.4	0.0	42.8	1.5	42.0	0.0	38.6	0.0	36.8	0.9	41.7
Lane	0.0	0.0	0.0	0.0	0.0	14.7	0.0	16.1	0.0	0.0	0.0	6.7
Leavenworth	1.9	32.8	0.4	41.4	0.4	35.1	0.0	27.5	0.8	28.5	0.7	34.0
Lincoln	0.0	43.9	0.0	35.3	0.0	11.6	0.0	0.0	0.0	23.3	0.0	24.8
Linn	0.0	29.3	0.0	51.9	0.0	35.1	0.0	35.0	0.0	67.3	0.0	44.5
Logan	0.0	23.8	0.0	25.6	0.0	29.0	0.0	30.3	0.0	27.0	0.0	26.7

Table 4. Pregnancy\* Rates<sup>†</sup> by County of Residence by Year  
Females Aged 10-14 and 15-19 Years, Kansas, 2011-2015

County of Residence	Year											
	2011		2012		2013		2014		2015		5-year Rate	
	Age-Group		Age-Group		Age-Group		Age-Group		Age-Group		Age-Group	
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19
Lyon	1.0	55.9	0.0	32.4	3.0	33.6	1.0	33.6	1.9	19.9	1.4	31.5
Mcperson	2.6	74.3	1.0	31.3	0.0	19.5	0.0	27.3	0.0	22.6	0.4	26.5
Marion	0.0	27.3	0.0	18.8	0.0	12.4	0.0	18.6	0.0	12.2	0.0	16.9
Marshall	0.0	13.2	0.0	30.1	0.0	30.1	0.0	25.9	0.0	14.3	0.0	29.7
Meade	0.0	49.8	0.0	9.8	0.0	37.2	0.0	30.8	0.0	35.1	0.0	32.8
Miami	0.0	26.6	0.0	26.7	0.0	25.2	0.0	21.3	0.0	25.4	0.0	25.8
Mitchell	0.0	34.3	0.0	0.0	0.0	30.6	0.0	21.4	0.0	37.6	0.0	26.4
Montgomery	1.0	49.3	0.0	58.0	0.9	45.2	0.0	37.2	0.9	43.8	0.6	46.0
Morris	0.0	36.6	5.7	59.6	0.0	31.1	0.0	19.1	0.0	25.5	1.2	35.6
Morton	0.0	36.2	0.0	56.1	0.0	24.6	0.0	26.3	0.0	27.5	0.0	35.5
Nemaha	0.0	13.3	0.0	11.8	0.0	39.2	0.0	29.9	0.0	26.3	0.0	24.6
Neosho	0.0	57.5	0.0	62.8	0.0	30.5	0.0	38.2	0.0	41.3	0.0	46.3
Ness	0.0	10.5	0.0	33.3	0.0	11.2	0.0	54.9	0.0	46.0	0.0	31.7
Norton	0.0	48.6	0.0	14.3	0.0	49.0	0.0	45.1	0.0	33.1	0.0	37.5
Osage	0.0	28.2	0.0	32.1	0.0	24.0	0.0	29.1	0.0	23.6	0.0	28.3
Osborne	0.0	60.3	0.0	25.2	0.0	66.7	0.0	55.6	0.0	9.3	0.0	42.7
Ottawa	0.0	16.3	0.0	15.2	0.0	14.7	0.0	10.1	0.0	11.0	0.0	13.0
Pawnee	0.0	30.7	0.0	34.1	5.6	16.8	0.0	54.9	0.0	30.3	1.2	34.9
Phillips	4.7	18.3	0.0	37.4	0.0	11.6	10.2	22.9	0.0	27.5	3.1	24.4
Pottawatomie	0.0	21.3	0.0	18.3	0.0	12.7	0.0	17.3	0.0	13.6	0.0	17.2
Pratt	0.0	58.6	3.5	52.2	0.0	29.0	0.0	36.8	0.0	53.3	0.7	44.3
Rawlins	0.0	15.4	0.0	27.8	0.0	44.8	0.0	14.3	0.0	60.6	0.0	32.4
Reno	1.0	36.6	0.5	34.3	0.0	38.8	0.0	33.9	0.5	30.4	0.4	35.2
Republic	0.0	41.4	0.0	39.4	0.0	34.2	0.0	8.1	0.0	18.5	0.0	29.9
Rice	0.0	46.5	0.0	30.6	0.0	44.3	0.0	19.4	0.0	19.4	0.0	31.3
Riley	1.4	59.1	0.7	20.6	0.0	18.8	0.0	16.1	0.0	18.1	0.4	19.7
Rooks	0.0	30.3	0.0	32.9	5.9	13.7	0.0	13.8	0.0	27.2	1.1	23.9
Rush	0.0	0.0	0.0	38.0	0.0	12.7	0.0	13.0	0.0	12.5	0.0	15.2
Russell	0.0	34.1	0.0	44.6	0.0	35.7	0.0	21.2	0.0	23.0	0.0	32.0
Saline	1.7	50.4	0.6	44.4	0.0	45.6	0.0	33.7	0.6	33.6	0.6	42.3
Scott	0.0	35.4	0.0	53.0	0.0	41.4	0.0	39.0	0.0	12.1	0.0	38.5
Sedgwick	0.9	46.4	0.7	46.9	0.4	45.5	0.7	40.1	0.2	34.4	0.6	43.8
Seward	1.1	90.6	0.0	78.7	1.1	63.6	0.0	66.8	0.0	59.4	0.4	73.5
Shawnee	1.2	48.2	0.3	52.7	0.0	43.8	0.2	39.3	0.3	37.4	0.4	45.5
Sheridan	0.0	21.5	0.0	42.3	0.0	27.4	0.0	13.9	0.0	0.0	0.0	22.3
Sherman	0.0	36.3	0.0	80.7	0.0	44.9	5.5	48.1	6.2	33.0	2.1	48.5
Smith	0.0	20.0	0.0	18.3	0.0	18.2	0.0	0.0	0.0	21.3	0.0	15.0
Stafford	0.0	26.5	0.0	65.7	0.0	29.4	0.0	30.1	0.0	106.9	0.0	52.1
Stanton	0.0	23.0	0.0	66.7	0.0	31.3	0.0	46.2	0.0	40.5	0.0	42.4
Stevens	0.0	21.9	0.0	40.0	4.3	55.6	0.0	46.9	0.0	31.3	0.8	39.3
Sumner	0.0	40.7	1.2	48.5	0.0	33.4	0.0	17.1	0.0	38.0	0.2	36.8
Thomas	0.0	54.3	0.0	40.8	0.0	27.6	0.0	33.3	0.0	19.7	0.0	30.6
Trego	0.0	26.3	0.0	19.2	0.0	23.0	0.0	0.0	0.0	41.1	0.0	19.5
Wabaunsee	0.0	8.2	0.0	43.3	0.0	41.7	0.0	28.7	4.4	9.4	0.8	26.3
Wallace	0.0	16.9	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	7.9
Washington	0.0	10.5	0.0	5.7	0.0	5.6	0.0	0.0	0.0	6.3	0.0	5.9
Wichita	12.5	12.3	0.0	29.4	0.0	18.9	0.0	16.7	0.0	45.5	2.5	25.5
Wilson	0.0	40.9	0.0	60.4	0.0	27.8	3.2	27.7	0.0	17.9	0.7	35.9
Woodson	0.0	49.0	0.0	36.6	0.0	0.0	0.0	54.3	0.0	56.8	0.0	41.3
Wyandotte	1.9	67.3	1.1	73.6	1.4	65.9	1.2	61.4	0.7	60.8	1.2	68.0
Kansas	0.7	40.7	0.4	39.0	0.4	34.0	0.4	31.8	0.2	29.3	0.4	35.0

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rates per 1,000 female age-group population.

2011-2015 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 5. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Allen	18.1	23.0	13.0	11.5	20.4	17.2
Anderson	23.2	7.8	13.5	15.2	9.9	13.9
Atchison	21.5	17.1	19.6	18.0	11.9	17.7
Barber	14.1	37.0	14.4	30.7	15.6	22.3
Barton	28.8	23.5	17.8	21.5	18.5	22.1
Bourbon	32.4	33.9	24.8	33.0	20.2	28.9
Brown	36.5	20.9	19.3	21.7	17.3	23.1
Butler	10.6	14.9	11.2	12.1	10.6	11.9
Chase	6.0	5.9	5.7	5.5	5.6	5.7
Chautauqua	24.5	19.4	31.9	0.0	15.5	18.4
Cherokee	29.3	22.3	19.5	29.6	19.4	24.0
Cheyenne	15.4	7.8	31.3	7.1	34.5	19.3
Clark	21.3	19.4	13.4	0.0	13.2	13.1
Clay	24.0	13.5	16.0	16.2	14.2	16.9
Cloud	15.6	15.6	19.7	22.5	16.8	18.0
Coffey	10.3	10.5	6.9	14.0	9.0	10.1
Comanche	21.3	0.0	13.8	6.8	0.0	8.5
Cowley	28.3	25.7	22.0	20.5	16.7	22.7
Crawford	20.4	16.8	18.9	23.4	17.7	19.4
Decatur	52.6	7.0	37.5	31.1	6.3	26.5
Dickinson	24.3	18.7	9.5	14.2	13.7	16.1
Doniphan	8.6	25.2	18.2	7.3	0.0	11.9
Douglas	10.5	11.9	9.2	8.0	8.9	9.7
Edwards	19.6	20.0	5.0	14.3	5.0	12.8
Elk	12.7	13.5	19.6	19.5	6.7	14.5
Ellis	14.4	15.3	16.7	17.8	9.4	14.7
Ellsworth	9.8	10.1	10.6	7.4	7.0	9.0
Finney	37.8	33.2	28.3	27.1	27.7	30.9
Ford	35.0	34.3	27.4	29.5	32.0	31.6
Franklin	18.2	20.9	18.2	16.4	16.1	18.0
Geary	44.7	39.3	32.2	32.4	32.6	36.3
Gove	0.0	5.8	0.0	6.0	12.7	4.8
Graham	28.6	21.9	28.4	30.8	7.1	23.3
Grant	25.8	25.7	27.7	24.7	20.3	24.9
Gray	11.7	14.6	13.9	11.7	4.1	11.2
Greeley	0.0	0.0	0.0	0.0	22.2	5.3
Greenwood	27.4	31.6	21.8	27.5	16.9	25.2
Hamilton	32.3	34.9	30.9	10.8	17.1	25.0
Harper	16.9	16.5	20.7	20.6	19.0	18.7
Harvey	21.6	21.1	19.1	12.8	10.1	16.9
Haskell	16.0	38.3	23.6	21.5	21.0	24.2
Hodgeman	7.5	0.0	8.5	0.0	17.5	6.6
Jackson	16.4	9.7	15.4	16.4	16.7	14.9
Jefferson	10.7	14.9	6.4	6.4	15.5	10.8
Jewell	6.6	31.6	26.1	19.2	13.2	19.5
Johnson	10.0	9.7	7.7	7.9	6.8	8.4
Kearny	19.7	16.6	18.6	17.7	26.5	19.9
Kingman	16.1	11.3	17.4	6.1	12.3	12.8
Kiowa	14.9	16.9	5.6	16.8	5.0	11.7
Labette	26.1	20.5	20.8	19.2	18.1	21.0
Lane	0.0	0.0	7.9	8.5	0.0	3.4
Leavenworth	18.8	19.5	16.3	13.0	13.9	16.3
Lincoln	24.4	15.2	5.0	0.0	10.3	11.0
Linn	16.1	23.8	16.8	16.8	30.8	20.9
Logan	11.8	12.8	13.1	12.7	12.4	12.5

Table 5. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Lyon	23.2	19.0	20.8	19.6	12.1	19.0
Mcperson	40.0	15.8	9.7	13.3	11.5	13.4
Marion	14.9	9.8	6.5	9.9	6.4	8.8
Marshall	6.7	13.5	13.7	11.8	6.7	13.4
Meade	26.5	5.4	19.8	16.4	18.0	17.2
Miami	14.4	12.9	11.8	10.1	11.8	12.2
Mitchell	19.1	0.0	15.6	10.6	18.0	12.8
Montgomery	24.6	30.7	23.5	18.5	21.9	23.9
Morris	20.3	30.8	15.6	9.4	12.5	17.8
Morton	20.4	26.4	12.2	12.8	13.1	16.9
Nemaha	7.2	5.5	18.3	14.4	12.9	11.6
Neosho	29.6	31.6	15.0	19.2	21.4	23.5
Ness	5.6	16.2	5.3	25.9	21.4	15.1
Norton	23.9	7.0	23.6	21.3	14.5	18.2
Osage	15.3	16.3	11.9	14.3	11.5	13.9
Osborne	30.3	14.0	33.5	28.7	5.2	22.7
Ottawa	7.6	7.7	7.4	5.2	5.6	6.7
Pawnee	17.7	16.6	11.2	27.7	16.1	17.7
Phillips	12.6	18.0	5.3	16.1	14.5	13.3
Pottawatomie	11.5	8.7	5.9	8.1	6.3	8.0
Pratt	27.8	30.2	15.4	19.2	27.8	24.0
Rawlins	7.8	14.0	21.9	7.3	31.5	16.3
Reno	19.6	16.9	18.7	16.5	15.1	17.4
Republic	22.6	18.4	15.8	4.0	8.4	14.1
Rice	22.5	16.3	23.9	10.3	10.4	16.7
Riley	18.1	14.5	13.1	11.4	13.0	14.1
Rooks	15.5	15.2	9.5	6.2	12.4	11.8
Rush	0.0	17.4	5.8	5.7	5.9	7.0
Russell	17.2	23.4	17.9	10.4	10.8	16.0
Saline	27.5	22.2	22.5	16.9	17.1	21.3
Scott	21.7	21.7	17.6	16.1	5.9	16.5
Sedgwick	25.7	22.9	22.1	19.5	16.5	21.3
Seward	49.9	39.1	31.6	32.3	28.4	36.2
Shawnee	26.8	26.0	21.5	19.3	18.4	22.4
Sheridan	13.1	20.8	12.7	6.1	0.0	10.1
Sherman	19.2	35.9	21.4	27.2	20.3	24.8
Smith	9.3	9.2	9.3	0.0	9.9	7.5
Stafford	14.2	35.6	16.4	15.6	53.0	26.9
Stanton	13.2	26.3	13.9	21.1	21.9	19.3
Stevens	11.5	20.0	27.8	20.4	12.8	18.4
Sumner	22.2	23.7	15.6	7.9	17.8	17.5
Thomas	20.4	23.7	16.7	20.3	11.9	18.7
Trego	10.5	10.5	11.7	0.0	20.5	10.5
Wabaunsee	4.3	19.7	19.4	13.3	6.8	12.8
Wallace	8.7	0.0	8.8	0.0	0.0	3.6
Washington	5.7	2.8	2.9	0.0	3.0	2.9
Wichita	13.6	13.7	7.6	7.0	21.3	12.7
Wilson	22.5	27.8	13.5	15.0	8.7	17.4
Woodson	28.1	16.3	0.0	26.2	27.2	19.2
Wyandotte	38.6	35.6	31.8	29.4	28.6	32.8
Kansas	20.9	19.7	17.1	16.0	14.8	17.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 6  
Pregnancy\* Numbers and Rates† and Birth Rates  
by Year by Selected Population Groups  
Females Aged 15-17 Years, Kansas, 1996-2015

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic
1996	1,570	345	303	32.1	84.9	80.2	21.1	68.9	71.4
1997	1,511	377	303	30.0	90.5	74.3	20.7	70.1	67.4
1998	1,399	295	306	27.6	71.0	69.9	18.8	56.1	61.0
1999	1,264	309	336	25.1	74.3	73.9	17.7	58.9	68.0
2000	1,138	271	361	23.0	64.6	75.0	16.3	50.5	66.1
2001	1,160	246	350	23.6	58.2	70.3	16.4	45.6	65.5
2002	1,043	239	346	21.7	54.7	67.9	14.8	42.3	64.2
2003	913	256	342	19.3	58.5	65.9	13.7	41.6	60.5
2004	868	227	338	18.7	52.2	64.5	14.1	40.5	58.8
2005	806	234	360	17.5	52.2	65.7	12.7	38.8	58.2
2006	832	216	378	17.8	46.6	63.0	12.9	33.2	56.6
2007	820	189	475	17.9	39.6	76.2	13.5	32.4	69.8
2008	815	224	443	18.4	47.6	69.8	14.1	37.2	64.7
2009	757	160	416	17.5	34.2	64.3	13.5	26.5	60.4
2010	644	175	394	15.3	45.1	50.1	12.6	35.6	47.7
2011	536	113	344	12.6	23.9	42.3	10.3	19.3	38.5
2012	508	106	298	12.1	22.7	35.9	10.0	17.7	34.0
2013	496	123	288	11.8	26.6	32.7	8.2	16.4	29.0
2014	401	78	246	9.7	16.7	27.1	8.0	14.2	25.8
2015	308	82	236	7.4	17.6	24.7	6.3	14.2	22.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016



Table 7  
Pregnancy\* Numbers and Rate† and Birth Rates  
by Year by Selected Population Groups  
Females Aged 18-19 Years, Kansas, 1996-2015

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic	White Non-Hispanic	Black Non-Hispanic	Hispanic
1996	2,986	546	442	97.1	215.0	172.4	72.4	163.8	144.3
1997	2,972	536	460	94.7	206.3	168.9	70.9	161.7	139.5
1998	3,020	572	532	92.0	203.6	174.7	70.2	156.9	146.8
1999	3,098	569	543	92.3	200.7	160.7	72.2	156.6	144.5
2000	2,896	529	599	86.7	187.1	171.0	68.9	143.2	145.3
2001	2,711	473	557	81.2	174.2	166.9	63.9	130.7	147.7
2002	2,609	483	581	77.8	175.3	171.5	61.1	128.4	152.3
2003	2,407	408	609	72.5	145.4	173.2	58.4	112.2	156.7
2004	2,308	419	612	69.8	149.3	172.4	55.4	116.9	153.3
2005	2,282	389	647	70.4	138.2	181.3	57.7	110.1	162.3
2006	2,234	457	748	71.8	160.8	215.1	58.0	127.7	188.4
2007	2,293	453	711	73.7	153.1	199.9	60.6	116.6	178.6
2008	2,330	457	767	74.6	147.6	210.8	61.8	117.2	189.1
2009	2,170	467	744	68.6	152.0	176.5	58.9	126.0	158.9
2010	1,895	357	720	63.9	125.8	139.6	56.0	103.3	126.4
2011	1,747	338	700	57.0	102.8	130.4	49.5	90.6	120.2
2012	1,694	297	655	58.3	88.3	120.0	51.0	75.8	110.3
2013	1,437	266	596	50.0	81.2	107.4	43.2	68.4	100.4
2014	1,336	239	562	46.9	73.5	99.6	40.5	63.3	88.8
2015	1,269	215	543	45.4	68.2	92.2	39.9	55.5	83.2

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 8. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence  
and Peer Group by Component  
Females Aged 10-17 Years, Kansas, 2015

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Allen	6	0	0	6	9.4	9.4
Anderson	0	0	1	1	2.3	0.0
Atchison	0	0	0	0	0.0	0.0
Barber	1	0	0	1	4.8	4.8
Barton	3	0	1	4	2.9	2.2
Bourbon	1	0	0	1	1.2	1.2
Brown	1	0	0	1	1.9	1.9
Butler	13	0	2	15	3.6	3.1
Chase	0	0	0	0	0.0	0.0
Chautauqua	1	0	0	1	6.3	6.3
Cherokee	3	0	0	3	2.6	2.6
Cheyenne	2	0	0	2	16.0	16.0
Clark	0	0	0	0	0.0	0.0
Clay	0	0	2	2	4.8	0.0
Cloud	3	0	0	3	7.0	7.0
Coffey	0	0	1	1	2.2	0.0
Comanche	0	0	0	0	0.0	0.0
Cowley	9	0	2	11	5.9	4.9
Crawford	11	0	1	12	6.6	6.0
Decatur	0	0	0	0	0.0	0.0
Dickinson	1	0	0	1	0.9	0.9
Doniphan	0	0	0	0	0.0	0.0
Douglas	10	0	3	13	2.7	2.1
Edwards	0	0	0	0	0.0	0.0
Elk	0	0	0	0	0.0	0.0
Ellis	3	0	0	3	2.5	2.5
Ellsworth	0	0	0	0	0.0	0.0
Finney	15	0	3	18	7.7	6.4
Ford	26	0	4	30	14.9	12.9
Franklin	9	0	1	10	7.0	6.3
Geary	6	0	5	11	6.1	3.4
Gove	0	0	0	0	0.0	0.0
Graham	0	0	0	0	0.0	0.0
Grant	6	0	0	6	11.4	11.4
Gray	0	0	0	0	0.0	0.0
Greeley	0	0	0	0	0.0	0.0
Greenwood	1	0	0	1	3.3	3.3
Hamilton	0	0	1	1	6.7	0.0
Harper	0	0	0	0	0.0	0.0
Harvey	6	0	1	7	3.6	3.1
Haskell	2	0	0	2	7.3	7.3
Hodgeman	0	0	0	0	0.0	0.0
Jackson	4	0	0	4	5.3	5.3
Jefferson	1	0	1	2	1.9	1.0
Jewell	1	0	0	1	8.5	8.5
Johnson	43	0	21	64	2.0	1.3
Kearny	2	0	0	2	8.1	8.1
Kingman	2	0	0	2	4.8	4.8
Kiowa	0	0	0	0	0.0	0.0
Labette	3	0	1	4	3.9	2.9
Lane	0	0	0	0	0.0	0.0
Leavenworth	12	0	3	15	3.6	2.9
Lincoln	1	0	0	1	5.9	5.9
Linn	5	0	0	5	8.9	8.9
Logan	0	0	0	0	0.0	0.0

**Table 8. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence  
and Peer Group by Component  
Females Aged 10-17 Years, Kansas, 2015**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Lyon	6	0	2	8	5.0	3.8
Mcpherson	4	0	0	4	2.6	2.6
Marion	1	0	0	1	1.7	1.7
Marshall	0	0	0	0	0.0	0.0
Meade	1	0	0	1	3.7	3.7
Miami	4	0	3	7	3.5	2.0
Mitchell	1	0	0	1	3.1	3.1
Montgomery	11	0	3	14	8.6	6.7
Morris	0	0	0	0	0.0	0.0
Morton	1	0	0	1	5.2	5.2
Nemaha	3	0	0	3	5.0	5.0
Neosho	5	1	0	6	7.0	5.9
Ness	2	0	0	2	12.7	12.7
Norton	0	0	0	0	0.0	0.0
Osage	0	0	0	0	0.0	0.0
Osborne	0	0	0	0	0.0	0.0
Ottawa	0	0	0	0	0.0	0.0
Pawnee	0	0	0	0	0.0	0.0
Phillips	2	0	0	2	6.9	6.9
Pottawatomie	1	0	0	1	0.7	0.7
Pratt	1	0	0	1	2.2	2.2
Rawlins	0	0	0	0	0.0	0.0
Reno	15	0	0	15	4.5	4.5
Republic	1	0	0	1	4.9	4.9
Rice	1	0	0	1	2.0	2.0
Riley	5	0	0	5	2.2	2.2
Rooks	0	0	0	0	0.0	0.0
Rush	0	0	0	0	0.0	0.0
Russell	0	0	0	0	0.0	0.0
Saline	15	0	2	17	6.0	5.3
Scott	0	0	0	0	0.0	0.0
Sedgwick	134	1	19	154	5.4	4.7
Seward	11	0	0	11	7.5	7.5
Shawnee	52	0	7	59	6.3	5.5
Sheridan	0	0	0	0	0.0	0.0
Sherman	1	0	0	1	3.5	3.5
Smith	0	0	0	0	0.0	0.0
Stafford	0	0	1	1	4.7	0.0
Stanton	1	0	0	1	8.4	8.4
Stevens	3	0	0	3	7.7	7.7
Sumner	2	0	1	3	2.2	1.5
Thomas	2	0	0	2	5.2	5.2
Trego	0	0	0	0	0.0	0.0
Wabaunsee	1	0	0	1	2.7	2.7
Wallace	0	0	0	0	0.0	0.0
Washington	0	0	0	0	0.0	0.0
Wichita	0	0	1	1	8.2	0.0
Wilson	0	0	0	0	0.0	0.0
Woodson	2	0	0	2	13.1	13.1
Wyandotte	86	1	10	97	10.4	9.2
n.s.‡	0	0	1	1	n/a	n/a
Kansas	588	3	104	695	4.5	3.8
Peer Group						
Frontier	15	0	3	18	3.2	2.7
Rural	41	0	4	45	3.4	3.1
Densely-Settled Rural	100	1	15	116	4.7	4.1
Semi-Urban	95	0	18	113	4.9	4.1
Urban	337	2	63	402	4.5	3.8

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡ n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/3/2016

Table 9. Pregnancies\* by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Allen	4	4	7	0	6	21
Anderson	2	3	1	1	1	8
Atchison	9	6	4	7	0	26
Barber	1	3	0	1	1	6
Barton	17	14	9	5	4	49
Bourbon	5	6	9	9	1	30
Brown	5	2	4	2	1	14
Butler	14	13	17	18	15	77
Chase	1	0	0	1	0	2
Chautauqua	1	0	1	0	1	3
Cherokee	10	8	11	17	3	49
Cheyenne	1	1	2	0	2	6
Clark	1	2	0	0	0	3
Clay	3	1	1	0	2	7
Cloud	1	2	3	2	3	11
Coffey	1	1	1	3	1	7
Comanche	0	0	0	1	0	1
Cowley	22	18	11	10	11	72
Crawford	11	8	11	12	12	54
Decatur	2	0	0	1	0	3
Dickinson	6	7	2	3	1	19
Doniphan	1	5	1	0	0	7
Douglas	20	14	14	16	13	77
Edwards	3	2	0	0	0	5
Elk	0	0	1	0	0	1
Ellis	8	8	7	7	3	33
Ellsworth	1	2	1	1	0	5
Finney	32	32	25	19	18	126
Ford	24	28	21	22	30	125
Franklin	6	13	6	6	10	41
Geary	17	8	8	12	11	56
Gove	0	0	0	0	0	0
Graham	0	1	1	1	0	3
Grant	4	4	8	10	6	32
Gray	3	3	2	0	0	8
Greeley	0	0	0	0	0	0
Greenwood	2	2	3	4	1	12
Hamilton	1	1	0	1	1	4
Harper	1	1	0	1	0	3
Harvey	13	12	10	7	7	49
Haskell	1	1	4	0	2	8
Hodgeman	0	0	0	0	0	0
Jackson	7	4	3	4	4	22
Jefferson	3	9	2	2	2	18
Jewell	0	1	0	0	1	2
Johnson	89	96	64	78	64	391
Kearny	1	1	3	2	2	9
Kingman	2	1	2	2	2	9
Kiowa	2	1	0	0	0	3
Labette	9	4	9	6	4	32
Lane	0	0	1	0	0	1
Leavenworth	24	32	28	18	15	117
Lincoln	2	1	1	0	1	5
Linn	3	4	7	2	5	21
Logan	0	0	1	0	0	1

Table 9. Pregnancies\* by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Lyon	16	13	17	14	8	68
Mcpherson	11	4	4	3	4	26
Marion	1	0	4	3	1	9
Marshall	1	5	1	2	0	9
Meade	2	2	1	3	1	9
Miami	12	9	4	6	7	38
Mitchell	2	0	0	1	1	4
Montgomery	14	17	11	6	14	62
Morris	4	4	1	0	0	9
Morton	3	2	2	1	1	9
Nemaha	0	0	3	2	3	8
Neosho	10	7	2	5	6	30
Ness	0	1	0	0	2	3
Norton	2	1	1	2	0	6
Osage	2	3	2	3	0	10
Osborne	3	2	0	1	0	6
Ottawa	2	1	0	1	0	4
Pawnee	1	1	3	1	0	6
Phillips	1	2	0	3	2	8
Pottawatomie	4	1	3	5	1	14
Pratt	4	4	1	3	1	13
Rawlins	0	0	0	0	0	0
Reno	21	17	18	19	15	90
Republic	1	3	1	1	1	7
Rice	2	2	6	2	1	13
Riley	17	11	7	8	5	48
Rooks	1	1	1	1	0	4
Rush	0	0	0	1	0	1
Russell	1	0	2	2	0	5
Saline	34	15	28	16	17	110
Scott	3	1	1	3	0	8
Sedgwick	259	227	213	182	154	1,035
Seward	30	18	20	17	11	96
Shawnee	86	96	70	63	59	374
Sheridan	0	0	1	0	0	1
Sherman	2	2	2	5	1	12
Smith	1	0	0	0	0	1
Stafford	1	1	0	1	1	4
Stanton	2	1	0	1	1	5
Stevens	1	2	5	2	3	13
Sumner	9	10	6	4	3	32
Thomas	5	3	2	1	2	13
Trego	1	2	0	0	0	3
Wabaunsee	0	0	1	2	1	4
Wallace	0	0	0	0	0	0
Washington	1	0	0	0	0	1
Wichita	1	0	1	0	1	3
Wilson	4	3	1	3	0	11
Woodson	1	1	0	2	2	6
Wyandotte	154	124	109	103	97	587
n.s.†	4	6	0	0	1	11
Kansas	1,133	1,015	882	818	695	4,543

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 10. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Allen	6.1	6.1	10.9	0.0	9.4	6.5
Anderson	4.5	6.9	2.3	2.2	2.3	3.6
Atchison	9.9	6.9	4.7	8.5	0.0	6.1
Barber	4.4	13.9	0.0	4.6	4.8	5.4
Barton	11.4	9.7	6.3	3.6	2.9	6.9
Bourbon	6.3	7.5	11.4	11.5	1.2	7.6
Brown	9.6	3.9	7.7	3.7	1.9	5.3
Butler	3.4	3.2	4.1	4.3	3.6	3.7
Chase	7.0	0.0	0.0	6.4	0.0	2.7
Chautauqua	6.0	0.0	6.6	0.0	6.3	3.7
Cherokee	8.3	6.7	9.0	14.3	2.6	8.2
Cheyenne	9.6	9.3	18.7	0.0	16.0	10.6
Clark	8.3	14.8	0.0	0.0	0.0	4.7
Clay	6.8	2.3	2.4	0.0	4.8	3.3
Cloud	2.2	4.3	6.7	4.4	7.0	4.9
Coffey	2.0	2.0	2.1	6.4	2.2	2.9
Comanche	0.0	0.0	0.0	7.8	0.0	1.6
Cowley	11.6	9.4	5.7	5.3	5.9	7.6
Crawford	6.0	4.3	6.0	6.5	6.6	5.9
Decatur	17.4	0.0	0.0	7.4	0.0	4.6
Dickinson	5.7	6.5	1.9	2.8	0.9	3.6
Doniphan	2.5	13.3	2.7	0.0	0.0	3.7
Douglas	4.7	3.1	3.0	3.4	2.7	3.4
Edwards	17.5	12.7	0.0	0.0	0.0	5.9
Elk	0.0	0.0	8.1	0.0	0.0	1.6
Ellis	7.0	6.9	5.8	5.8	2.5	5.5
Ellsworth	3.8	8.2	4.4	4.5	0.0	4.2
Finney	12.7	12.7	10.5	8.2	7.7	10.4
Ford	11.5	13.3	9.9	10.7	14.9	12.1
Franklin	4.3	9.6	4.3	4.3	7.0	5.9
Geary	9.3	4.4	4.4	7.0	6.1	6.2
Gove	0.0	0.0	0.0	0.0	0.0	0.0
Graham	0.0	8.5	8.5	9.9	0.0	5.3
Grant	7.6	7.5	14.6	18.6	11.4	12.0
Gray	7.0	7.4	4.7	0.0	0.0	3.8
Greeley	0.0	0.0	0.0	0.0	0.0	0.0
Greenwood	5.8	6.1	9.6	13.1	3.3	7.5
Hamilton	7.0	7.4	0.0	5.8	6.7	5.4
Harper	3.3	3.4	0.0	3.7	0.0	2.1
Harvey	6.7	6.2	5.3	3.7	3.6	5.1
Haskell	3.3	3.3	14.4	0.0	7.3	5.6
Hodgeman	0.0	0.0	0.0	0.0	0.0	0.0
Jackson	9.0	5.1	3.9	5.2	5.3	5.7
Jefferson	2.7	8.5	1.9	1.9	1.9	3.4
Jewell	0.0	7.8	0.0	0.0	8.5	3.2
Johnson	2.8	3.0	2.0	2.4	2.0	2.4
Kearny	3.9	3.9	13.1	8.4	8.1	7.3
Kingman	4.2	2.2	4.5	4.9	4.8	4.1
Kiowa	14.7	7.9	0.0	0.0	0.0	4.8
Labette	8.6	3.8	8.8	5.8	3.9	6.2
Lane	0.0	0.0	9.4	0.0	0.0	2.0
Leavenworth	5.8	7.7	6.8	4.3	3.6	5.7
Lincoln	11.6	6.0	5.8	0.0	5.9	5.8
Linn	5.7	7.8	12.3	3.6	8.9	7.7
Logan	0.0	0.0	7.8	0.0	0.0	1.5

Table 10. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Lyon	9.9	8.1	10.7	8.9	5.0	8.5
Mcpherson	17.9	2.5	2.5	1.9	2.6	3.3
Marion	2.0	0.0	6.7	4.7	1.7	2.9
Marshall	0.6	10.0	2.0	3.9	0.0	3.6
Meade	6.3	6.5	3.4	10.0	3.7	6.1
Miami	5.9	4.5	2.0	3.0	3.5	3.8
Mitchell	6.4	0.0	0.0	3.1	3.1	2.6
Montgomery	8.3	10.2	6.6	3.6	8.6	7.5
Morris	13.9	14.4	3.7	0.0	0.0	6.5
Morton	14.3	10.0	9.7	5.3	5.2	9.0
Nemaha	0.0	0.0	5.0	3.4	5.0	2.7
Neosho	11.0	7.7	2.2	5.8	7.0	6.8
Ness	0.0	6.9	0.0	0.0	12.7	3.9
Norton	8.5	4.2	4.1	8.3	0.0	5.0
Osage	2.1	3.2	2.1	3.4	0.0	2.2
Osborne	16.1	11.7	0.0	6.0	0.0	7.0
Ottawa	5.6	3.0	0.0	3.3	0.0	2.5
Pawnee	3.0	3.3	10.0	3.6	0.0	4.1
Phillips	2.9	6.3	0.0	9.7	6.9	5.1
Pottawatomie	2.9	0.7	2.1	3.4	0.7	2.0
Pratt	8.3	8.5	2.0	6.3	2.2	5.4
Rawlins	0.0	0.0	0.0	0.0	0.0	0.0
Reno	6.5	5.2	5.4	5.8	4.5	5.5
Republic	4.6	13.4	4.7	4.8	4.9	6.5
Rice	3.9	4.1	12.2	3.9	2.0	5.2
Riley	7.6	4.8	3.1	3.7	2.2	4.3
Rooks	3.8	3.6	3.8	3.6	0.0	3.0
Rush	0.0	0.0	0.0	6.7	0.0	1.4
Russell	3.0	0.0	6.3	6.2	0.0	3.1
Saline	11.7	5.2	9.8	5.6	6.0	7.7
Scott	10.8	3.5	3.4	9.2	0.0	5.4
Sedgwick	9.1	8.0	7.5	6.4	5.4	7.3
Seward	21.4	12.5	14.0	12.0	7.5	13.4
Shawnee	9.2	10.2	7.4	6.7	6.3	7.9
Sheridan	0.0	0.0	7.5	0.0	0.0	1.5
Sherman	7.1	6.6	6.3	16.2	3.5	8.1
Smith	5.6	0.0	0.0	0.0	0.0	1.1
Stafford	4.3	4.8	0.0	4.7	4.7	3.7
Stanton	15.2	8.1	0.0	7.9	8.4	8.1
Stevens	2.9	5.3	13.6	5.4	7.7	7.0
Sumner	6.4	7.2	4.3	2.9	2.2	4.6
Thomas	12.3	7.2	4.9	2.6	5.2	6.5
Trego	6.4	13.1	0.0	0.0	0.0	4.3
Wabaunsee	0.0	0.0	2.5	5.2	2.7	2.1
Wallace	0.0	0.0	0.0	0.0	0.0	0.0
Washington	3.4	0.0	0.0	0.0	0.0	0.7
Wichita	8.0	0.0	8.6	0.0	8.2	5.0
Wilson	8.4	6.3	2.0	5.8	0.0	4.5
Woodson	6.4	6.2	0.0	12.2	13.1	7.4
Wyandotte	17.3	13.9	12.0	11.0	10.4	12.9
Kansas	7.3	6.6	5.7	5.3	4.5	5.8

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 11. Pregnancy\* Numbers and Rates† and Birth Rates by County of Residence and Peer Group by Component, Females Aged 15-17 Years, Kansas, 2015

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Allen	6	0	0	6	26.3	26.3
Anderson	0	0	1	1	6.5	0.0
Atchison	0	0	0	0	0.0	0.0
Barber	1	0	0	1	12.5	12.5
Barton	3	0	1	4	7.5	5.6
Bourbon	1	0	0	1	3.4	3.4
Brown	1	0	0	1	5.5	5.5
Butler	13	0	2	15	9.0	7.8
Chase	0	0	0	0	0.0	0.0
Chautauqua	1	0	0	1	18.2	18.2
Cherokee	3	0	0	3	6.7	6.7
Cheyenne	2	0	0	2	41.7	41.7
Clark	0	0	0	0	0.0	0.0
Clay	0	0	2	2	12.1	0.0
Cloud	3	0	0	3	19.1	19.1
Coffey	0	0	1	1	5.9	0.0
Comanche	0	0	0	0	0.0	0.0
Cowley	9	0	2	11	15.3	12.5
Crawford	11	0	1	12	16.7	15.3
Decatur	0	0	0	0	0.0	0.0
Dickinson	1	0	0	1	2.4	2.4
Doniphan	0	0	0	0	0.0	0.0
Douglas	9	0	3	12	7.0	5.2
Edwards	0	0	0	0	0.0	0.0
Elk	0	0	0	0	0.0	0.0
Ellis	3	0	0	3	6.9	6.9
Ellsworth	0	0	0	0	0.0	0.0
Finney	15	0	2	17	18.4	16.2
Ford	26	0	4	30	39.4	34.1
Franklin	9	0	1	10	18.2	16.4
Geary	6	0	4	10	16.9	10.2
Gove	0	0	0	0	0.0	0.0
Graham	0	0	0	0	0.0	0.0
Grant	6	0	0	6	29.6	29.6
Gray	0	0	0	0	0.0	0.0
Greeley	0	0	0	0	0.0	0.0
Greenwood	1	0	0	1	8.2	8.2
Hamilton	0	0	1	1	16.7	0.0
Harper	0	0	0	0	0.0	0.0
Harvey	5	0	1	6	7.9	6.6
Haskell	2	0	0	2	18.2	18.2
Hodgeman	0	0	0	0	0.0	0.0
Jackson	4	0	0	4	13.9	13.9
Jefferson	1	0	1	2	4.8	2.4
Jewell	1	0	0	1	19.2	19.2
Johnson	43	0	21	64	5.2	3.5
Kearny	2	0	0	2	20.8	20.8
Kingman	2	0	0	2	10.8	10.8
Kiowa	0	0	0	0	0.0	0.0
Labette	3	0	1	4	9.9	7.4
Lane	0	0	0	0	0.0	0.0
Leavenworth	12	0	1	13	8.4	7.8
Lincoln	1	0	0	1	16.1	16.1
Linn	5	0	0	5	23.9	23.9
Logan	0	0	0	0	0.0	0.0



Table 11. Pregnancy\* Numbers and Rates† and Birth Rates by County of Residence and Peer Group by Component, Females Aged 15-17 Years, Kansas, 2015

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Lyon	6	0	0	6	10.6	10.6
Mcperson	1	0	0	1	1.7	1.7
Marion	0	0	0	0	0.0	0.0
Marshall	4	0	0	4	20.7	20.7
Meade	1	0	0	1	9.4	9.4
Miami	4	0	3	7	9.5	5.4
Mitchell	1	0	0	1	8.2	8.2
Montgomery	11	0	2	13	23.1	19.5
Morris	0	0	0	0	0.0	0.0
Morton	1	0	0	1	13.9	13.9
Nemaha	3	0	0	3	12.3	12.3
Neosho	5	1	0	6	18.0	15.0
Ness	2	0	0	2	35.1	35.1
Norton	0	0	0	0	0.0	0.0
Osage	0	0	0	0	0.0	0.0
Osborne	0	0	0	0	0.0	0.0
Ottawa	0	0	0	0	0.0	0.0
Pawnee	0	0	0	0	0.0	0.0
Phillips	2	0	0	2	15.7	15.7
Pottawatomie	1	0	0	1	1.9	1.9
Pratt	1	0	0	1	5.9	5.9
Rawlins	0	0	0	0	0.0	0.0
Reno	14	0	0	14	11.1	11.1
Republic	1	0	0	1	13.2	13.2
Rice	1	0	0	1	5.5	5.5
Riley	5	0	0	5	6.0	6.0
Rooks	0	0	0	0	0.0	0.0
Rush	0	0	0	0	0.0	0.0
Russell	0	0	0	0	0.0	0.0
Saline	15	0	1	16	14.6	13.7
Scott	0	0	0	0	0.0	0.0
Sedgwick	131	1	19	151	14.1	12.3
Seward	11	0	0	11	21.1	21.1
Shawnee	50	0	7	57	16.2	14.2
Sheridan	0	0	0	0	0.0	0.0
Sherman	0	0	0	0	0.0	0.0
Smith	0	0	0	0	0.0	0.0
Stafford	0	0	1	1	12.2	0.0
Stanton	1	0	0	1	17.9	17.9
Stevens	3	0	0	3	25.9	25.9
Sumner	2	0	1	3	6.0	4.0
Thomas	2	0	0	2	13.3	13.3
Trego	0	0	0	0	0.0	0.0
Wabaunsee	0	0	0	0	0.0	0.0
Wallace	0	0	0	0	0.0	0.0
Washington	0	0	0	0	0.0	0.0
Wichita	0	0	1	1	21.3	0.0
Wilson	0	0	0	0	0.0	0.0
Woodson	2	0	0	2	35.1	35.1
Wyandotte	82	1	10	93	27.8	24.6
n.s.‡	0	0	1	1	0.0	0.0
Kansas	574	3	96	673	11.5	9.8
Peer Group						
Frontier	14	0	3	17	7.8	6.4
Rural	36	0	4	40	8.6	7.8
Densely-Settled Rural	104	1	12	117	12.1	10.7
Semi-Urban	93	0	15	108	12.3	10.6
Urban	327	2	61	390	11.8	9.9

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 12. Pregnancies\* by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Allen	4	4	7	0	6	21
Anderson	2	3	1	1	1	8
Atchison	9	6	4	7	0	26
Barber	1	3	0	1	1	6
Barton	17	13	9	5	4	48
Bourbon	5	6	8	9	1	29
Brown	5	2	4	2	1	14
Butler	14	13	15	18	15	75
Chase	1	0	0	1	0	2
Chautauqua	1	0	1	0	1	3
Cherokee	10	7	11	17	3	48
Cheyenne	1	1	1	0	2	5
Clark	1	2	0	0	0	3
Clay	3	1	1	0	2	7
Cloud	1	2	3	2	3	11
Coffey	1	1	1	3	1	7
Comanche	0	0	0	1	0	1
Cowley	22	18	11	10	11	72
Crawford	9	7	11	11	12	50
Decatur	2	0	0	1	0	3
Dickinson	5	6	2	3	1	17
Doniphan	1	3	1	0	0	5
Douglas	19	12	12	15	12	70
Edwards	3	2	0	0	0	5
Elk	0	0	1	0	0	1
Ellis	8	7	7	6	3	31
Ellsworth	0	2	0	1	0	3
Finney	29	31	25	19	17	121
Ford	24	28	20	22	30	124
Franklin	5	13	6	5	10	39
Geary	17	8	5	12	10	52
Gove	0	0	0	0	0	0
Graham	0	1	1	1	0	3
Grant	4	4	8	9	6	31
Gray	3	3	3	0	0	9
Greeley	0	0	0	0	0	0
Greenwood	2	2	3	4	1	12
Hamilton	1	1	0	1	1	4
Harper	1	1	0	1	0	3
Harvey	13	12	10	7	6	48
Haskell	1	1	4	0	2	8
Hodgeman	0	0	0	0	0	0
Jackson	7	4	3	4	4	22
Jefferson	3	9	2	2	2	18
Jewell	0	1	0	0	1	2
Johnson	83	94	60	73	64	374
Kearny	1	1	3	2	2	9
Kingman	2	1	2	2	2	9
Kiowa	2	1	0	0	0	3
Labette	7	4	8	6	4	29
Lane	0	0	1	0	0	1
Leavenworth	19	31	27	18	13	108
Lincoln	2	1	1	0	1	5
Linn	3	4	7	2	5	21
Logan	0	0	1	0	0	1

Table 12. Pregnancies\* by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Lyon	15	13	14	13	6	61
Mcperson	10	3	4	3	1	21
Marion	1	0	4	3	0	8
Marshall	1	5	1	2	4	13
Meade	2	2	1	3	1	9
Miami	12	9	4	6	7	38
Mitchell	2	0	0	1	1	4
Montgomery	13	17	10	6	13	59
Morris	4	3	1	0	0	8
Morton	3	2	3	1	1	10
Nemaha	0	0	2	2	3	7
Neosho	10	7	2	5	6	30
Ness	0	1	0	0	2	3
Norton	2	1	1	2	0	6
Osage	2	3	2	3	0	10
Osborne	3	2	0	1	0	6
Ottawa	2	1	0	1	0	4
Pawnee	1	1	2	1	0	5
Phillips	0	2	0	1	2	5
Pottawatomie	4	1	3	5	1	14
Pratt	4	3	1	3	1	12
Rawlins	0	0	0	0	0	0
Reno	19	16	18	19	14	86
Republic	1	3	1	1	1	7
Rice	2	2	6	2	1	13
Riley	15	10	7	8	5	45
Rooks	1	1	0	1	0	3
Rush	0	0	0	1	0	1
Russell	1	0	1	2	0	4
Saline	31	14	28	16	16	105
Scott	3	1	1	3	0	8
Sedgwick	242	214	205	170	151	982
Seward	29	18	19	17	11	94
Shawnee	79	94	70	62	57	362
Sheridan	0	0	1	0	0	1
Sherman	2	2	2	4	0	10
Smith	1	0	0	0	0	1
Stafford	1	1	0	1	1	4
Stanton	2	1	0	1	1	5
Stevens	1	2	4	2	3	12
Sumner	9	9	6	4	3	31
Thomas	5	3	2	1	2	13
Trego	1	2	0	0	0	3
Wabaunsee	0	0	1	2	0	3
Wallace	0	0	0	0	0	0
Washington	1	0	0	0	0	1
Wichita	0	0	1	0	1	2
Wilson	4	3	1	2	0	10
Woodson	1	1	0	2	2	6
Wyandotte	143	118	101	96	93	551
n.s.†	4	5	0	0	1	10
Kansas	1,063	973	841	783	673	4,333

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 13. Pregnancy\* Rate† by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Allen	16.0	15.9	29.7	0.0	26.3	17.6
Anderson	11.8	18.9	6.4	6.2	6.5	10.0
Atchison	23.2	17.1	12.2	22.7	0.0	15.3
Barber	10.3	33.7	0.0	12.2	12.5	13.6
Barton	29.4	23.6	16.2	9.3	7.5	17.4
Bourbon	16.9	19.1	25.7	30.2	3.4	19.2
Brown	25.4	10.0	20.5	11.0	5.5	14.7
Butler	9.2	8.5	9.7	11.1	9.0	9.5
Chase	20.8	0.0	0.0	16.4	0.0	7.2
Chautauqua	15.2	0.0	16.1	0.0	18.2	9.3
Cherokee	22.6	15.6	23.4	36.8	6.7	21.1
Cheyenne	26.3	25.0	27.8	0.0	41.7	23.9
Clark	21.3	37.7	0.0	0.0	0.0	12.3
Clay	16.6	6.1	6.2	0.0	12.1	8.4
Cloud	5.8	11.8	17.8	11.9	19.1	13.2
Coffey	5.0	4.9	4.9	16.5	5.9	7.3
Comanche	0.0	0.0	0.0	18.9	0.0	4.4
Cowley	31.6	25.0	14.7	13.9	15.3	20.0
Crawford	13.8	10.3	16.7	15.3	16.7	14.6
Decatur	52.6	0.0	0.0	20.0	0.0	12.8
Dickinson	11.8	14.6	5.2	7.6	2.4	8.4
Doniphan	6.5	20.8	6.7	0.0	0.0	6.9
Douglas	11.4	7.2	7.2	8.9	7.0	8.3
Edwards	49.2	37.7	0.0	0.0	0.0	16.3
Elk	0.0	0.0	19.6	0.0	0.0	4.1
Ellis	18.0	16.1	16.2	14.4	6.9	14.3
Ellsworth	0.0	20.2	0.0	11.8	0.0	6.4
Finney	31.6	34.3	27.4	20.7	18.4	26.4
Ford	32.6	37.5	25.8	29.3	39.4	32.9
Franklin	9.3	27.4	11.9	9.9	18.2	15.2
Geary	27.1	13.6	8.3	21.5	16.9	17.5
Gove	0.0	0.0	0.0	0.0	0.0	0.0
Graham	0.0	18.5	20.4	24.4	0.0	12.2
Grant	21.9	21.1	40.4	42.9	29.6	31.5
Gray	17.6	19.0	18.6	0.0	0.0	11.0
Greeley	0.0	0.0	0.0	0.0	0.0	0.0
Greenwood	16.7	15.9	25.0	35.1	8.2	19.9
Hamilton	24.4	30.3	0.0	14.7	16.7	15.8
Harper	7.7	8.1	0.0	8.9	0.0	5.2
Harvey	18.2	16.4	13.8	9.7	7.9	13.2
Haskell	9.1	8.6	34.8	0.0	18.2	14.4
Hodgeman	0.0	0.0	0.0	0.0	0.0	0.0
Jackson	23.0	13.1	10.5	13.4	13.9	14.8
Jefferson	7.3	21.9	5.0	5.0	4.8	8.8
Jewell	0.0	18.9	0.0	0.0	19.2	7.6
Johnson	7.1	8.1	5.1	6.2	5.2	6.3
Kearny	10.3	10.3	30.3	22.2	20.8	18.8
Kingman	9.8	5.3	10.9	12.0	10.8	9.7
Kiowa	34.5	18.5	0.0	0.0	0.0	12.6
Labette	16.8	10.6	21.7	14.8	9.9	14.7
Lane	0.0	0.0	20.8	0.0	0.0	5.1
Leavenworth	12.6	20.7	18.4	11.6	8.4	14.3
Lincoln	31.7	18.5	17.5	0.0	16.1	16.7
Linn	15.5	20.4	30.7	9.1	23.9	20.1
Logan	0.0	0.0	22.7	0.0	0.0	4.3

Table 13. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Lyon	22.9	21.2	24.0	23.7	10.6	20.6
Mcpherson	17.3	5.2	6.6	5.2	1.7	7.2
Marion	4.4	0.0	17.3	11.8	0.0	6.7
Marshall	5.7	29.1	5.5	10.9	20.7	14.4
Meade	15.9	14.3	8.0	23.4	9.4	14.4
Miami	14.8	11.6	5.4	8.0	9.5	10.0
Mitchell	17.5	0.0	0.0	7.8	8.2	6.7
Montgomery	19.8	26.3	16.7	10.1	23.1	19.3
Morris	38.8	28.8	9.3	0.0	0.0	14.9
Morton	39.0	24.7	36.6	14.5	13.9	26.2
Nemaha	0.0	0.0	9.2	8.7	12.3	6.2
Neosho	28.1	20.1	6.1	15.8	18.0	17.8
Ness	0.0	20.0	0.0	0.0	35.1	10.3
Norton	20.4	10.4	11.1	21.5	0.0	13.1
Osage	5.6	7.8	5.3	8.7	0.0	5.6
Osborne	39.0	26.7	0.0	15.4	0.0	16.9
Ottawa	11.6	6.9	0.0	8.2	0.0	5.8
Pawnee	8.8	8.8	16.1	8.6	0.0	8.8
Phillips	0.0	16.9	0.0	8.9	15.7	8.4
Pottawatomie	7.9	1.9	5.7	9.4	1.9	5.4
Pratt	20.5	16.0	5.1	17.0	5.9	13.0
Rawlins	0.0	0.0	0.0	0.0	0.0	0.0
Reno	15.9	13.5	14.7	15.3	11.1	14.1
Republic	12.7	38.0	12.8	11.8	13.2	17.6
Rice	11.1	11.7	32.4	10.5	5.5	14.3
Riley	19.3	13.1	9.0	10.2	6.0	11.4
Rooks	9.8	10.2	0.0	10.1	0.0	6.1
Rush	0.0	0.0	0.0	19.6	0.0	3.7
Russell	7.1	0.0	8.3	15.6	0.0	6.3
Saline	28.3	12.5	25.8	14.6	14.6	19.1
Scott	34.1	10.9	10.5	28.0	0.0	16.1
Sedgwick	22.9	20.6	19.5	16.3	14.1	18.7
Seward	55.7	33.5	37.6	34.6	21.1	36.5
Shawnee	22.9	26.5	19.6	17.3	16.2	20.5
Sheridan	0.0	0.0	20.4	0.0	0.0	4.1
Sherman	21.1	19.8	16.4	31.5	0.0	17.7
Smith	12.5	0.0	0.0	0.0	0.0	2.9
Stafford	11.5	10.9	0.0	11.2	12.2	9.0
Stanton	42.6	31.3	0.0	20.0	17.9	22.4
Stevens	8.1	13.3	29.6	16.3	25.9	18.5
Sumner	16.5	17.2	11.5	8.0	6.0	11.9
Thomas	30.7	18.0	12.0	6.7	13.3	16.3
Trego	12.0	30.3	0.0	0.0	0.0	9.6
Wabaunsee	0.0	0.0	6.5	14.4	0.0	4.1
Wallace	0.0	0.0	0.0	0.0	0.0	0.0
Washington	9.3	0.0	0.0	0.0	0.0	1.8
Wichita	0.0	0.0	27.0	0.0	21.3	9.6
Wilson	23.4	17.6	5.0	9.9	0.0	10.6
Woodson	16.9	16.7	0.0	30.8	35.1	19.3
Wyandotte	44.1	36.5	30.2	28.2	27.8	33.3
Kansas	18.4	15.9	14.6	13.6	11.5	17.6

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 14. Pregnancy\* Numbers and Rates†, by County of Residence by Component  
Females Aged 18-19 Years, Kansas, 2015

County of Residence	Live Births		Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†
	N	Rate†				
Allen	10	51.0	0	1	11	56.1
Anderson	4	54.8	0	0	4	54.8
Atchison	14	31.4	0	1	15	33.6
Barber	3	65.2	0	0	3	65.2
Barton	26	73.4	0	2	28	79.1
Bourbon	18	95.7	0	1	19	101.1
Brown	10	101.0	0	0	10	101.0
Butler	36	40.0	0	3	39	43.3
Chase	1	34.5	0	0	1	34.5
Chautauqua	2	60.6	0	0	2	60.6
Cherokee	22	94.8	0	2	24	103.4
Cheyenne	3	150.0	0	0	3	150.0
Clark	2	76.9	0	0	2	76.9
Clay	5	65.8	0	0	5	65.8
Cloud	6	36.6	0	1	7	42.7
Coffey	4	40.4	0	0	4	40.4
Comanche	0	0.0	0	0	0	0.0
Cowley	26	43.3	0	4	30	49.9
Crawford	33	40.1	0	2	35	42.6
Decatur	1	41.7	0	0	1	41.7
Dickinson	13	71.0	1	2	16	87.4
Doniphan	0	0.0	0	0	0	0.0
Douglas	42	11.2	1	20	63	16.8
Edwards	1	33.3	0	0	1	33.3
Elk	1	40.0	0	0	1	40.0
Ellis	11	18.7	0	3	14	23.8
Ellsworth	2	40.8	0	0	2	40.8
Finney	58	106.4	1	3	62	113.8
Ford	44	101.9	0	4	48	111.1
Franklin	17	54.1	1	0	18	57.3
Geary	53	162.1	0	5	58	177.4
Gove	1	38.5	0	1	2	76.9
Graham	1	41.7	0	0	1	41.7
Grant	7	63.1	0	0	7	63.1
Gray	2	26.0	0	0	2	26.0
Greeley	2	153.8	0	0	2	153.8
Greenwood	4	75.5	0	1	5	94.3
Hamilton	2	80.0	0	0	2	80.0
Harper	6	101.7	0	0	6	101.7
Harvey	17	33.4	0	1	18	35.4
Haskell	3	51.7	0	2	5	86.2
Hodgeman	2	100.0	0	0	2	100.0
Jackson	11	75.9	0	0	11	75.9
Jefferson	15	78.5	0	2	17	89.0
Jewell	1	29.4	0	0	1	29.4
Johnson	144	23.7	0	54	198	32.6
Kearny	6	111.1	0	0	6	111.1
Kingman	3	42.3	0	1	4	56.3
Kiowa	1	15.4	0	0	1	15.4
Labette	16	82.1	0	2	18	92.3
Lane	0	0.0	0	0	0	0.0
Leavenworth	46	59.1	0	7	53	68.1
Lincoln	1	41.7	0	0	1	41.7
Linn	13	147.7	0	2	15	170.5
Logan	2	87.0	0	0	2	87.0

Table 14. Pregnancy\* Numbers and Rates†, by County of Residence by Component  
Females Aged 18-19 Years, Kansas, 2015

County of Residence	Live Births		Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate‡
	N	Rate†				
Lyon	17	21.5	0	4	21	26.5
Mcpherson	4	10.6	0	1	5	13.2
Marion	4	22.1	0	0	4	22.1
Marshall	17	197.7	0	0	17	197.7
Meade	5	76.9	0	0	5	76.9
Miami	20	54.8	0	1	21	57.5
Mitchell	4	62.5	0	2	6	93.8
Montgomery	30	64.5	0	2	32	68.8
Morris	4	88.9	0	0	4	88.9
Morton	2	54.1	0	0	2	54.1
Nemaha	6	60.6	0	0	6	60.6
Neosho	17	76.2	0	0	17	76.2
Ness	1	33.3	0	1	2	66.7
Norton	4	102.6	0	0	4	102.6
Osage	11	57.9	0	1	12	63.2
Osborne	1	24.4	0	0	1	24.4
Ottawa	2	31.3	0	0	2	31.3
Pawnee	5	78.1	0	0	5	78.1
Phillips	2	36.4	1	0	3	54.5
Pottawatomie	9	32.7	0	1	10	36.4
Pratt	16	106.7	0	0	16	106.7
Rawlins	4	173.9	0	0	4	173.9
Reno	38	53.5	0	8	46	64.8
Republic	1	31.3	0	0	1	31.3
Rice	6	33.3	0	0	6	33.3
Riley	45	16.7	0	14	59	21.9
Rooks	4	81.6	0	0	4	81.6
Rush	0	0.0	1	0	1	47.6
Russell	4	75.5	0	0	4	75.5
Saline	40	63.5	0	2	42	66.7
Scott	2	40.8	0	0	2	40.8
Sedgwick	367	62.3	3	49	419	71.2
Seward	37	109.8	0	3	40	118.7
Shawnee	136	65.7	0	16	152	73.5
Sheridan	0	0.0	0	0	0	0.0
Sherman	5	80.6	0	1	6	96.8
Smith	2	62.5	0	0	2	62.5
Stafford	12	244.9	1	0	13	265.3
Stanton	2	111.1	0	0	2	111.1
Stevens	1	13.2	0	2	3	39.5
Sumner	26	99.6	0	0	26	99.6
Thomas	5	24.4	0	0	5	24.4
Trego	3	157.9	0	0	3	157.9
Wabaunsee	2	31.3	0	0	2	31.3
Wallace	0	0.0	0	0	0	0.0
Washington	1	16.4	0	0	1	16.4
Wichita	2	105.3	0	0	2	105.3
Wilson	5	61.0	0	0	5	61.0
Woodson	3	96.8	0	0	3	96.8
Wyandotte	194	104.4	4	25	223	120.0
n.s.‡	0	n/a§	0	1	1	n/a§
Kansas	1,902	48.9	14	261	2,177	55.9
Peer Group						
Frontier	80	70.2	2	4	86	75.4
Rural	159	58.8	1	10	170	62.9
Densely-Settled Rural	405	58.4	2	37	444	64.0
Semi-Urban	329	42.5	1	38	368	47.5
Urban	929	45.5	8	171	1,108	54.3

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡ n.s.: Not Stated

§ n/a: Not Applicable

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Table 15. Pregnancies\* by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Allen	12	16	4	10	11	53
Anderson	10	1	6	7	4	28
Atchison	20	17	22	16	15	90
Barber	3	7	4	7	3	24
Barton	37	29	23	33	28	150
Bourbon	27	27	15	23	19	111
Brown	18	11	8	12	10	59
Butler	39	62	39	43	39	222
Chase	0	1	1	0	1	3
Chautauqua	4	4	5	0	2	15
Cherokee	32	24	17	25	24	122
Cheyenne	1	0	2	1	3	7
Clark	2	1	2	0	2	7
Clay	10	6	7	8	5	36
Cloud	9	8	9	12	7	45
Coffey	5	5	3	5	4	22
Comanche	3	0	2	0	0	5
Cowley	50	47	44	41	30	212
Crawford	45	37	39	50	35	206
Decatur	5	1	6	4	1	17
Dickinson	25	17	10	15	16	83
Doniphan	4	9	9	4	0	26
Douglas	67	82	62	51	63	325
Edwards	1	2	1	3	1	8
Elk	2	2	2	3	1	10
Ellis	19	19	23	25	14	100
Ellsworth	2	1	2	1	2	8
Finney	84	71	59	59	62	335
Ford	67	62	50	52	48	279
Franklin	26	23	26	23	18	116
Geary	83	79	63	56	58	339
Gove	0	1	0	1	2	4
Graham	4	2	3	3	1	13
Grant	12	12	10	6	7	47
Gray	3	4	5	6	2	20
Greeley	0	0	0	0	2	2
Greenwood	9	10	5	6	5	35
Hamilton	5	5	5	1	2	18
Harper	5	5	7	6	6	29
Harvey	40	40	36	24	18	158
Haskell	5	13	4	7	5	34
Hodgeman	1	0	1	0	2	4
Jackson	8	5	11	11	11	46
Jefferson	11	10	6	6	17	50
Jewell	1	4	4	3	1	13
Johnson	283	269	231	225	198	1,206
Kearny	5	4	2	3	6	20
Kingman	7	5	7	1	4	24
Kiowa	1	2	1	3	1	8
Labette	25	22	17	18	18	100
Lane	0	0	0	1	0	1
Leavenworth	69	64	53	46	53	285
Lincoln	3	2	0	0	1	6
Linn	7	10	4	9	15	45
Logan	2	2	1	2	2	9



Table 15. Pregnancies\* by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	Teenage Pregnancies 2011-2015
Lyon	42	33	33	33	21	162
Mcpherson	21	27	15	23	5	91
Marion	8	8	1	5	4	26
Marshall	12	3	7	5	17	44
Meade	8	0	6	3	5	22
Miami	22	21	24	18	21	106
Mitchell	5	0	6	3	6	20
Montgomery	40	49	40	34	32	195
Morris	3	6	4	3	4	20
Morton	2	4	1	2	2	11
Nemaha	5	4	10	8	6	33
Neosho	24	29	15	16	17	101
Ness	1	2	1	5	2	11
Norton	5	1	6	4	4	20
Osage	15	15	11	12	12	65
Osborne	4	1	7	5	1	18
Ottawa	1	2	3	1	2	9
Pawnee	6	5	1	8	5	25
Phillips	4	5	2	3	3	17
Pottawatomie	15	13	7	9	10	54
Pratt	14	15	9	9	16	63
Rawlins	1	2	3	1	4	11
Reno	59	51	58	47	46	261
Republic	5	2	3	0	1	11
Rice	14	9	10	5	6	44
Riley	77	60	57	47	59	300
Rooks	4	4	2	1	4	15
Rush	0	3	1	0	1	5
Russell	6	9	5	2	4	26
Saline	65	63	51	43	42	264
Scott	4	6	5	3	2	20
Sedgwick	633	562	545	487	419	2,646
Seward	59	52	37	41	40	229
Shawnee	220	203	178	159	152	912
Sheridan	2	3	1	1	0	7
Sherman	5	11	6	5	6	33
Smith	1	2	2	0	2	7
Stafford	3	8	4	3	13	31
Stanton	0	3	2	2	2	9
Stevens	4	7	7	7	3	28
Sumner	28	29	20	9	26	112
Thomas	9	11	8	11	5	44
Trego	1	0	2	0	3	6
Wabaunsee	2	9	8	4	2	25
Wallace	1	0	1	0	0	2
Washington	1	1	1	0	1	4
Wichita	1	2	0	1	2	6
Wilson	9	13	7	6	5	40
Woodson	4	2	0	3	3	12
Wyandotte	266	263	239	226	223	1,217
n.s.†	3	13	3	0	1	20
Kansas	2,962	2,808	2,453	2,300	2,177	12,700

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s. Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Table 16. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Allen	53.3	74.1	19.6	48.5	56.1	50.6
Anderson	135.1	12.3	72.3	85.4	54.8	71.2
Atchison	45.9	35.7	45.8	35.7	33.6	39.4
Barber	51.7	129.6	88.9	166.7	65.2	98.0
Barton	96.6	74.2	63.2	91.2	79.1	80.9
Bourbon	140.6	153.4	84.3	125.0	101.1	120.9
Brown	165.1	107.8	76.9	107.1	101.0	112.2
Butler	41.9	66.9	43.6	48.4	43.3	48.9
Chase	0.0	43.5	37.0	0.0	34.5	23.4
Chautauqua	111.1	129.0	138.9	0.0	60.6	90.4
Cherokee	138.5	103.0	77.6	106.8	103.4	106.2
Cheyenne	38.5	0.0	95.2	55.6	150.0	66.0
Clark	95.2	50.0	76.9	0.0	76.9	57.9
Clay	103.1	75.0	78.7	100.0	65.8	85.3
Cloud	48.9	44.7	55.9	71.0	42.7	52.5
Coffey	62.5	63.3	31.3	49.5	40.4	48.4
Comanche	187.5	0.0	90.9	0.0	0.0	51.0
Cowley	77.9	77.3	75.2	69.0	49.9	70.0
Crawford	49.1	46.2	47.5	61.8	42.6	49.4
Decatur	277.8	52.6	285.7	153.8	41.7	157.4
Dickinson	115.7	81.0	47.8	72.8	87.4	81.1
Doniphan	21.6	50.0	50.3	22.2	0.0	28.7
Douglas	16.8	22.6	17.1	13.7	16.8	17.4
Edwards	30.3	47.6	27.0	111.1	33.3	47.3
Elk	90.9	74.1	69.0	115.4	40.0	77.5
Ellis	26.0	31.4	38.9	42.6	23.8	32.2
Ellsworth	44.4	18.9	35.1	20.0	40.8	31.5
Finney	151.9	122.6	101.2	105.5	113.8	118.8
Ford	131.4	119.0	105.3	113.8	111.1	116.5
Franklin	70.8	63.2	72.8	64.6	57.3	66.0
Geary	201.9	199.0	167.6	148.1	177.4	179.5
Gove	0.0	43.5	0.0	33.3	76.9	29.9
Graham	200.0	100.0	125.0	103.4	41.7	111.1
Grant	129.0	137.9	98.0	55.6	63.1	93.8
Gray	34.1	54.8	64.1	64.5	26.0	48.9
Greeley	0.0	0.0	0.0	0.0	153.8	35.1
Greenwood	163.6	200.0	90.9	103.4	94.3	129.2
Hamilton	113.6	135.1	263.2	76.9	80.0	130.4
Harper	96.2	75.8	107.7	88.2	101.7	93.5
Harvey	75.5	74.8	71.6	47.2	35.4	61.1
Haskell	74.6	203.1	65.6	112.9	86.2	109.0
Hodgeman	35.7	0.0	41.7	0.0	100.0	36.4
Jackson	57.1	34.2	73.8	76.4	75.9	63.5
Jefferson	53.7	46.9	30.3	31.3	89.0	50.1
Jewell	38.5	137.9	181.8	100.0	29.4	92.2
Johnson	48.8	44.6	38.0	36.7	32.6	40.1
Kearny	111.1	87.0	50.0	66.7	111.1	87.0
Kingman	79.5	61.7	97.2	12.5	56.3	61.2
Kiowa	15.2	39.2	16.7	44.1	15.4	25.8
Labette	97.7	96.5	74.9	83.7	92.3	89.2
Lane	0.0	0.0	0.0	45.5	0.0	9.8
Leavenworth	82.1	80.1	65.2	59.7	68.1	71.2
Lincoln	90.9	64.5	0.0	0.0	41.7	41.4
Linn	73.7	135.1	47.1	95.7	170.5	103.2
Logan	55.6	62.5	40.0	74.1	87.0	62.9

Table 16. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2011-2015

County of Residence	2011	2012	2013	2014	2015	5-year Rate
Lyon	47.9	41.0	40.5	40.1	26.5	39.4
Mcperson	113.5	71.1	40.3	61.2	13.2	48.4
Marion	72.7	46.2	5.8	28.7	22.1	29.4
Marshall	32.0	31.9	83.3	57.5	197.7	95.4
Meade	131.1	0.0	95.2	44.8	76.9	68.8
Miami	69.4	60.3	64.3	47.7	57.5	59.6
Mitchell	90.9	0.0	81.1	51.7	93.8	64.5
Montgomery	77.5	99.8	78.9	70.2	68.8	79.2
Morris	52.6	127.7	75.5	65.2	88.9	80.6
Morton	57.1	153.8	25.0	44.4	54.1	60.1
Nemaha	49.5	35.1	87.0	75.5	60.6	61.7
Neosho	102.1	128.9	64.9	68.4	76.2	88.0
Ness	41.7	50.0	32.3	192.3	66.7	72.8
Norton	86.2	22.7	113.2	100.0	102.6	85.5
Osage	87.7	84.3	67.9	70.6	63.2	74.6
Osborne	88.9	22.7	212.1	116.3	24.4	87.4
Ottawa	23.3	37.0	40.0	13.0	31.3	28.8
Pawnee	98.4	80.6	18.2	166.7	78.1	86.2
Phillips	70.2	72.5	31.7	47.6	54.5	55.4
Pottawatomie	54.5	52.0	26.8	32.0	36.4	40.2
Pratt	85.9	95.5	60.4	60.0	106.7	81.9
Rawlins	37.0	83.3	120.0	35.7	173.9	86.6
Reno	71.2	66.1	78.8	66.7	64.8	69.6
Republic	104.2	41.7	76.9	0.0	31.3	53.7
Rice	69.3	47.9	56.8	29.4	33.3	48.0
Riley	26.1	22.9	21.7	17.8	21.9	22.2
Rooks	65.6	74.1	40.0	21.7	81.6	57.7
Rush	0.0	125.0	38.5	0.0	47.6	40.0
Russell	88.2	120.0	65.8	32.8	75.5	78.1
Saline	94.1	102.9	79.1	65.7	66.7	81.7
Scott	90.9	150.0	100.0	63.8	40.8	87.0
Sedgwick	101.4	91.5	90.8	82.0	71.2	87.6
Seward	154.9	148.1	98.7	108.8	118.7	125.8
Shawnee	106.6	97.7	84.9	78.1	73.5	88.2
Sheridan	117.6	115.4	41.7	55.6	0.0	62.5
Sherman	60.2	183.3	107.1	83.3	96.8	102.8
Smith	27.0	55.6	47.6	0.0	62.5	38.0
Stafford	62.5	177.8	90.9	68.2	265.3	134.8
Stanton	0.0	107.1	76.9	133.3	111.1	84.1
Stevens	45.5	93.3	111.1	101.4	39.5	75.5
Sumner	112.0	111.1	77.8	34.7	99.6	87.0
Thomas	32.1	62.5	41.0	52.4	24.4	41.3
Trego	30.3	0.0	60.6	0.0	157.9	40.0
Wabaunsee	30.8	136.4	127.0	57.1	31.3	76.2
Wallace	52.6	0.0	43.5	0.0	0.0	22.2
Washington	19.2	17.2	17.9	0.0	16.4	14.2
Wichita	45.5	80.0	0.0	43.5	105.3	57.1
Wilson	89.1	136.8	78.7	69.8	61.0	88.3
Woodson	181.8	90.9	0.0	111.1	96.8	96.0
Wyandotte	133.9	135.1	131.7	123.1	120.0	128.9
Kansas	72.2	70.8	62.4	58.6	55.9	64.1

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/9/2016

Figure 1. Pregnancy Rates for Selected Female Age-Groups  
Kansas 1996-2015

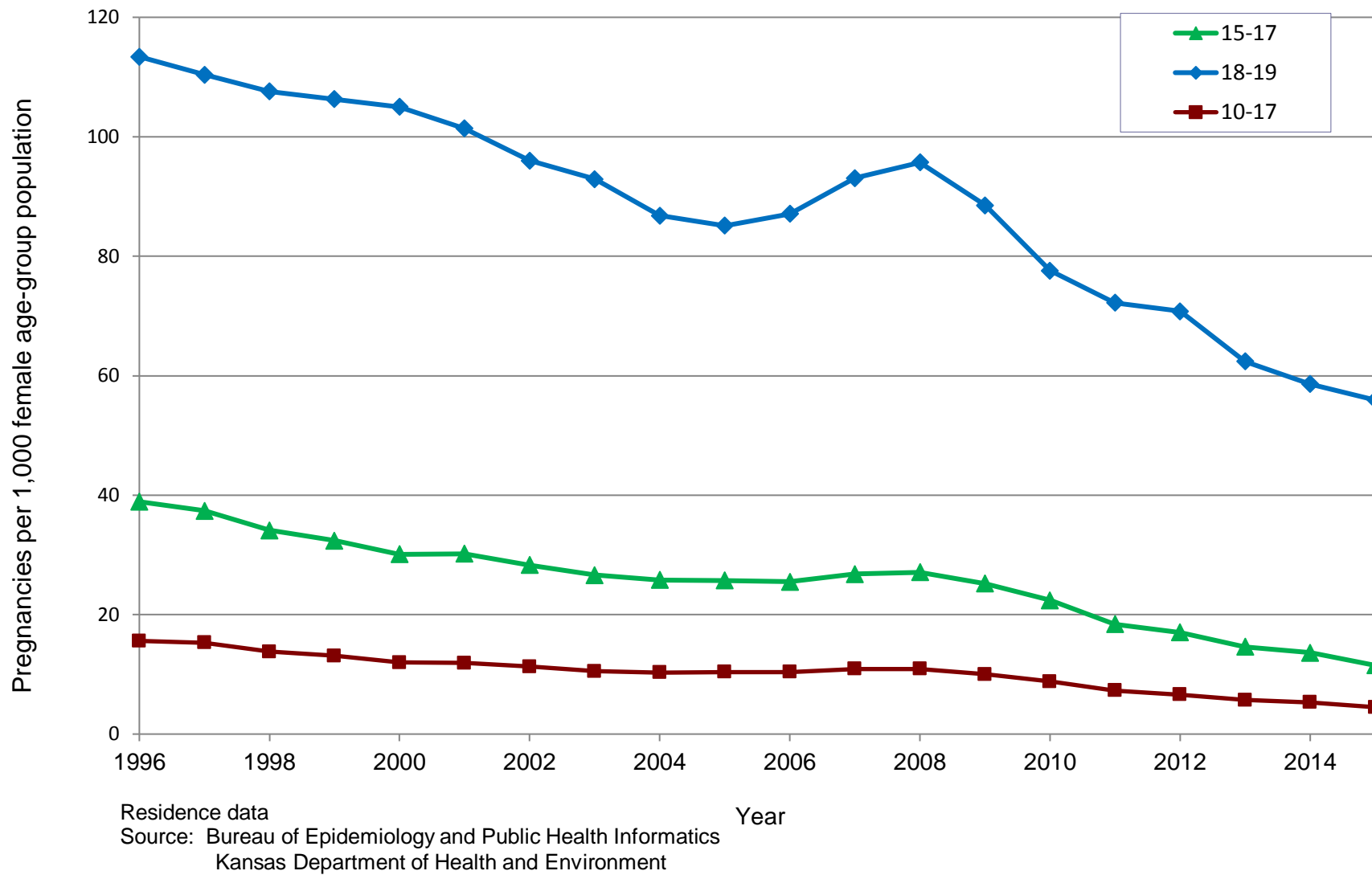
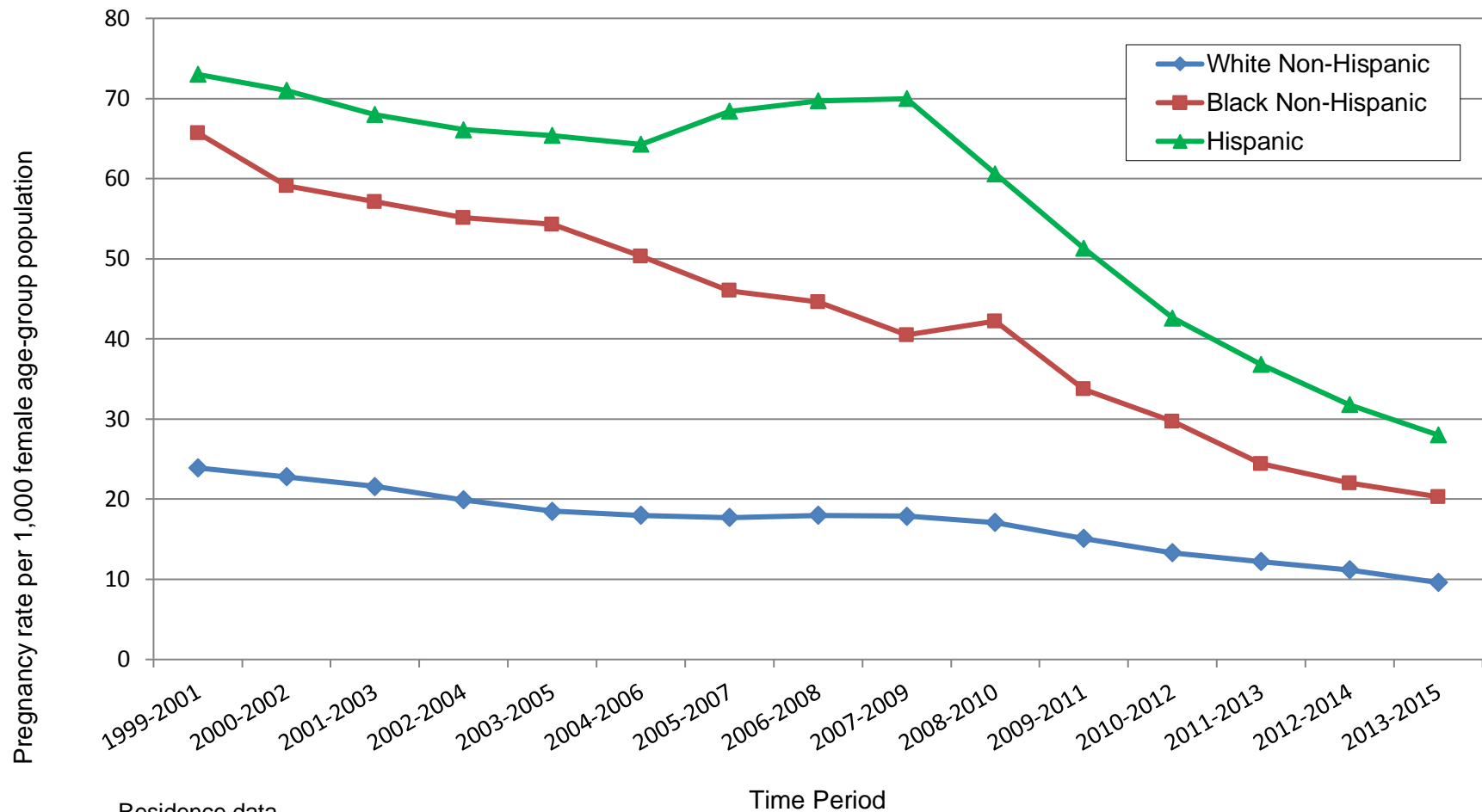
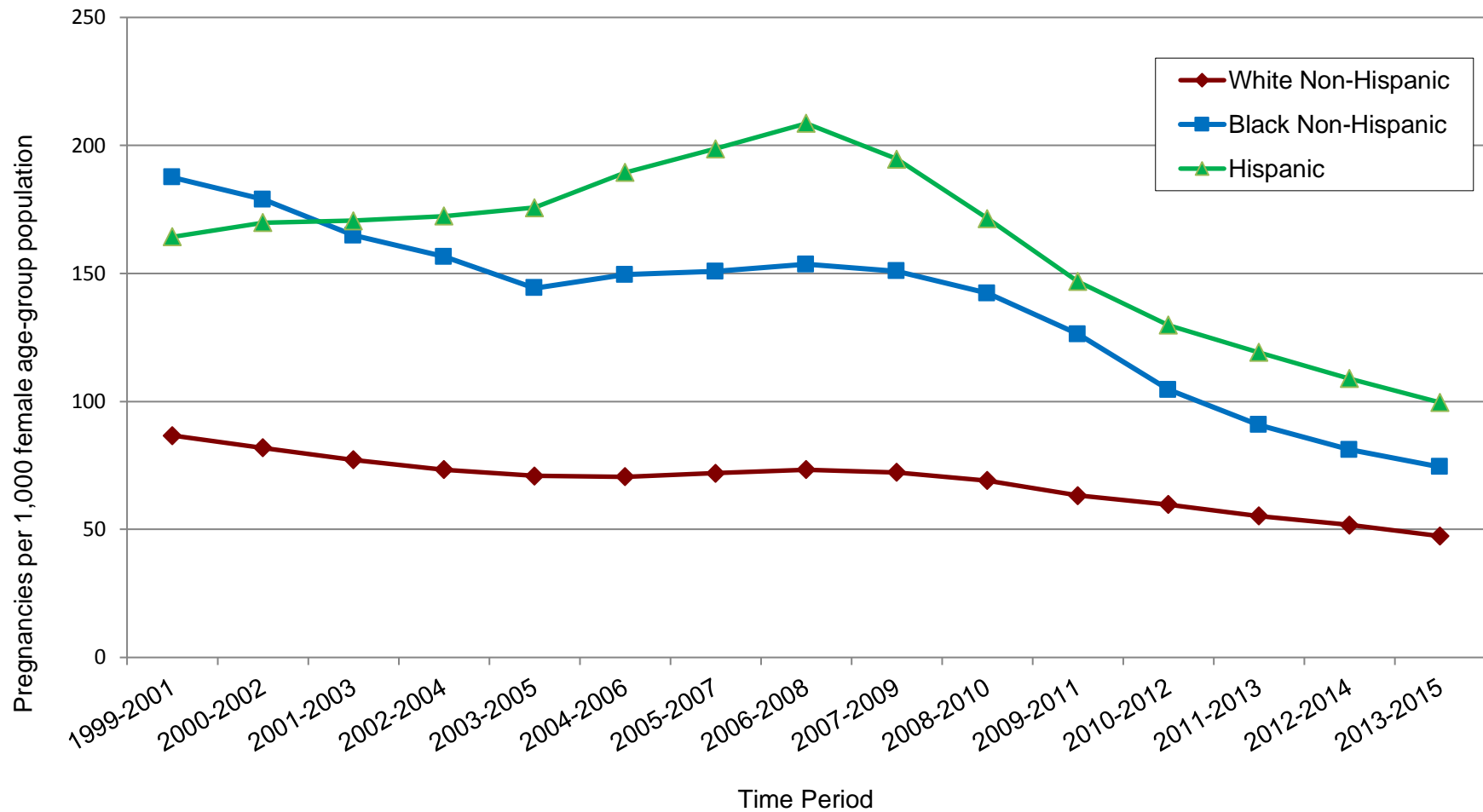


Figure 2. Three Year Rolling Average  
Pregnancy Rates for Selected Population Groups  
Females Aged 15-17 Years, Kansas, 1999-2015



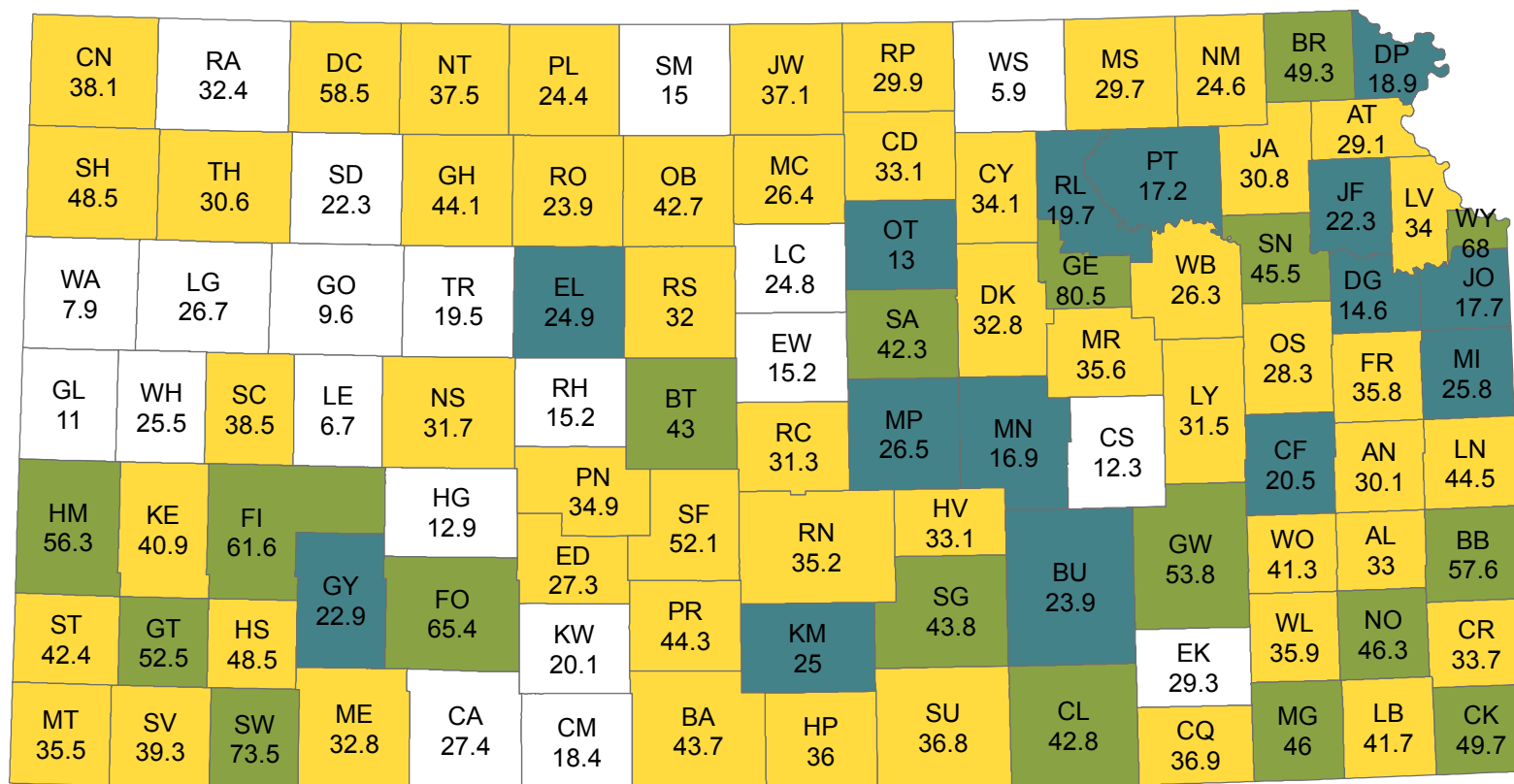
Residence data  
Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Figure 3. Three Year Rolling Average  
Pregnancy Rates for Selected Population Groups  
Females Aged 18-19 Years, Kansas 1999-2015



Residence data  
Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Figure 4. County Pregnancy Rates Relative to State Pregnancy Rate among Females Aged 15-19 Years, Kansas, 2011-2015



State Rate: 35.0 per 1,000 Female Age-group Population

County rate statistically above state rate  
County rate statistically below state rate

County rate not statistically different from state  
Number of pregnancies too small for reliable rate comparison

# Technical Notes

Abortion (induced termination of pregnancy):	The use or prescription of any instrument, medicine, drug or any other substance or device to termination the pregnancy of a woman known to be pregnant with the intention other than to increase the probability of a live birth, to preserve the life or health of the child after live birth, or to remove a dead unborn child who died as the result of natural causes in utero, accidental trauma or criminal assault on the pregnant woman or her unborn child, and which causes the premature termination of the pregnancy. [K.S.A. 65-6701(a)].
Stillbirth:	Any complete expulsion or extraction from its mother of a product of human conception, the gestation of which is 20 weeks or greater, resulting in other than a live birth, and which is not an induced termination of pregnancy.
Live Birth:	The complete expulsion or extraction of a product of human conception from its mother, irrespective of the duration of pregnancy, that, after such expulsion or extraction, shows any evidence of life such as breathing, heartbeat, pulsation of the umbilical cord, or voluntary muscle movement, whether or not the umbilical cord has been cut or the placenta attached.
Residence Data:	Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred.
Teenage Pregnancy Components:	A live birth, stillbirth, or abortion occurring to a female under 20 years of age.
Teenage Pregnancy Rate:	$\frac{\text{live births, stillbirths, abortions for females in a specific age-group}}{\text{female population in the same specific age-group}} \times 1,000$

## Rate Reliability

Vital statistics are easily influenced by random variation, and single-year rates can fluctuate from year to year. A multiple-year rate, such as a 5-year rate calculated as the sum of the numerators in each year divided by the sum of the denominators in each year and multiplied by 1,000 would be more accurate in formulating conclusions on vital events. For example, between 2011 and 2015, the adolescent and teen pregnancy rate for Kansas varied from 20.9 to 14.8 pregnancies per 1,000 females aged 10-19 years population. The 2011-2015 5-year teenage pregnancy rate was 17.7 (Table 5). The 5-year rate decreases the variability in single-year rate comparisons and is a more reliable indicator of teenage pregnancy rates in Kansas.

A small increase or decrease in the number of events in a small geographic area can have a major impact on a population-based rate. For example, in 2015 Stanton County had three pregnancies among women aged 10-19 and a population of 137 females



aged 10-19 years. Johnson County had 262 pregnancies among women aged 10-19 and a population of 38,719 females aged 10-19 years of age. The Stanton County rate was 21.9 pregnancies per 1,000 female age-group population, while the Johnson County rate was 6.8. Had five more pregnancies occurred to women aged 10-19 in each county, the Stanton County rate would have increased almost threefold to 58.4 pregnancies per 1,000 female age-group population, and the Johnson County rate, by comparison, would have increased fractionally to 6.9 pregnancies per 1,000 female age-group population. Readers should use caution to avoid misleading conclusions when comparing rates of vital events between geographic areas with significantly different populations.

## **Unknowns**

County of residence is collected for all vital events that occur in Kansas. However, some states that share vital event data with Kansas may not collect the county of residence (this is the case with several states that collect abortion data), or may not include it in their data export to the KDHE Office of Vital Statistics. Events for which the county of residence is not known are included in the state total and in the “not stated” row in tables that break down pregnancy outcomes by county.

## **Population**

1988-1989, 1991-1999, 2001-2009 and 2011-2015 female age-group population estimates and actual population counts for 1990, 2000 and 2010 were obtained from the U.S. Census Bureau on the Internet at: <http://www.census.gov/popest/estimates.php>. The 2001 female age-group population estimates were compiled by the Kansas Department of Health and Environment based on the 2000 Census counts.

2003-2015 female age-group county population estimates were obtained from the Bridged-race Vintage 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015 post-censal series by year, age, sex, race, and Hispanic origin, prepared under a collaborative arrangement between the National Center for Health Statistics (NCHS) and the U.S. Census Bureau. The population data are at the Centers for Disease Control and Prevention website at: <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>.

## **Peer Groups**

For various demographic studies, it is useful to consider groups of counties with similar characteristics. “Peer Groups” of counties, as used in this summary, are defined as those with similar population densities based on their 2000 or 2010 actual census counts. In order to facilitate a time series comparison, the assignment of counties to their peer group remains unchanged until the next decennial census. They will not necessarily have similar values for any other indicators. Frontier counties are defined as those with less than 6.0 persons per square mile, Rural counties as those with 6.0 - 19.9 persons per square mile, Densely-Settled Rural counties as those with 20.0 - 39.9 persons per square mile, Semi-Urban counties as those with 40.0 - 149.9 persons per square mile, and Urban counties as those with 150.0 or more persons per square mile. These definitions originated with the Kansas Department of Health and Environment,

Office of Local and Rural Health, and should *not* be confused with the U.S. Census Bureau's (USCB) definitions of urban and rural areas. Sources for calculation of population densities are population figures from the 2000 U.S. Census and land areas from the 2000 U.S. Census (for years before 2010). For 2010, populations and land areas were taken from the 2010 U.S. Census.

Counties are grouped in population density peer groups as follows:

<b>Frontier</b>	Stanton	Thomas	Franklin
Barber	Trego	Wabaunsee	Geary
Chase	Wallace	Washington	Harvey
Chautauqua	Wichita	Wilson	Miami
Cheyenne		Woodson	Montgomery
Clark	<b>Rural</b>		Reno
Comanche	Anderson	<b>Densely-Settled</b>	Riley
Decatur	Brown	<b>Rural</b>	Saline
Edwards	Clay	Allen	
Elk	Cloud	Atchison	<b>Urban</b>
Gove	Coffey	Barton	Douglas
Greenwood	Ellsworth	Bourbon	Johnson
Graham	Grant	Cherokee	Leavenworth
Greeley	Gray	Cowley	Sedgwick
Hamilton	Harper	Dickinson	Shawnee
Hodgeman	Haskell	Doniphan	Wyandotte
Jewell	Kingman	Ellis	
Kearny	Linn	Finney	
Kiowa	Marion	Ford	
Lane	Marshall	Jackson	
Lincoln	Mitchell	Jefferson	
Logan	Morris	Labette	
Meade	Nemaha	Lyon	
Morton	Norton	McPherson	
Ness	Ottawa	Neosho	
Osborne	Pawnee	Osage	
Rawlins	Phillips	Pottawatomie	
Rooks	Pratt	Seward	
Rush	Republic	Sumner	
Sheridan	Rice		
Sherman	Russell	<b>Semi-Urban</b>	
Smith	Scott	Butler	
Stafford	Stevens	Crawford	

## Statistical Significance

The following methods have been applied where statistically significant differences have been noted in the document. When Kansas data are evaluated by county, small numbers of events may affect rate reliability. The relative standard error was used to determine if the number of events was large enough to calculate stable rates. Values with a relative standard error of 30 percent or less were considered reliable. This is consistent with standard National Center for Health Statistics (NCHS) practice [1, 2].

Statistical significance was determined using confidence intervals calculated at the 95 percent level. When the number of events was greater than or equal to 100, the normal distribution was used. When the number of events was less than 100 the poisson distribution was used. This is the scientific standard estimation of significance. If confidence intervals do not overlap, the difference between the rates is statistically significant [3].

1. Mathews TJ, MacDorman MF. (2010). Infant mortality statistics from the 2006 period linked birth/infant death data set. National Vital Statistics Reports; vol 58 no 17. Hyattsville, MD: National Center for Health Statistics. 2010.
2. Cohen RA, Martinez, ME. (2009). Consumer-directed health care for persons under 65 years of age with private health insurance: United States, 2007. NCHS data brief, no. 15. Hyattsville, MD: National Center for Health Statistics, pg. 8.
3. Washington State Health Department. (2006). Guidelines for using confidence intervals for public health assessment. [Cited: 16 Dec 2011], Available from <http://www.doh.wa.gov/data/Guidelines/guidelines.htm>

Kansas Department of Health and Environment  
Office of Vital Statistics

**CERTIFICATE OF STILLBIRTH (FETAL DEATH)**

**State File Number**

1. NAME (First, Middle, Last, Suffix)		2. DATE OF DELIVERY (Month, Day, Year)	3. TIME OF DELIVERY <div style="text-align: right;">M</div>
4. SEX	5. CITY, TOWN, OR LOCATION OF DELIVERY		6. COUNTY OF DELIVERY
7. PLACE OF DELIVERY <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Home Delivery <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Other (Specify) _____		8. FACILITY NAME (If not institution, give street and number and zip code)	
9. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10. MOTHER'S LAST NAME PRIOR TO FIRST MARRIAGE
11. DATE OF BIRTH (Month, Day, Year)		12. BIRTHPLACE (State, Territory, or Foreign Country)	
13. PRESENT RESIDENCE-STATE			
14. COUNTY	15. CITY, TOWN, OR LOCATION	16. STREET AND NUMBER OF PRESENT RESIDENCE	
17. ZIPCODE	18. INSIDE CITY LIMITS? <div style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No</div>	19. MOTHER'S MAILING ADDRESS (If same as residence, leave blank)	
20. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		21. DATE OF BIRTH (Month, Day, Year)	22. BIRTHPLACE (State, Territory, or Foreign Country)
23. I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THE CERTIFICATE IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Signature of Parent (or Other Informant) ➤			24. DATE SIGNED (Month, Day, Year)
<b>25. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH</b>			
25a. INITIATING CAUSE/CONDITION (Among the choices below, please select the <u>one</u> which most likely began the sequence of events resulting in the death of the fetus.)			
Maternal Conditions/Diseases (Specify) _____			
Complications of Placenta, Cord, or Membranes – <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord			
<input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
Other Obstetrical or Pregnancy Complications (Specify) _____		Fetal Anomaly (Specify) _____	
Fetal Injury (Specify) _____		Fetal Infection (Specify) _____	
Other Fetal Conditions/Disorders (Specify) _____		<input type="checkbox"/> Unknown	
25b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (Select or specify all other conditions contributing to death in item 25a.)			
Maternal Conditions/Diseases (Specify) _____			
Complications of Placenta, Cord, or Membranes – <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord			
<input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
Other Obstetrical or Pregnancy Complications (Specify) _____		Fetal Anomaly (Specify) _____	
Fetal Injury (Specify) _____		Fetal Infection (Specify) _____	
Other Fetal Conditions/Disorders (Specify) _____		<input type="checkbox"/> Unknown	
26. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		27a. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
		27b. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
		27c. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
28. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD.  Signature ➤		29. DATE SIGNED (Month, Day, Year)	
		30. ATTENDANT'S NAME AND TITLE (If delivery not attended by physician) Name (Type) _____ <input type="checkbox"/> CNM/CM <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____	
31. CERTIFIER'S NAME AND TITLE (Type)  <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Other (Specify) _____		32. CERTIFIER'S MAILING ADDRESS (Street and Number or Rural Route, City or Town, State, Zip Code)	
		33a. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Donation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____	
33b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)		33c. LOCATION (City or Town, and State)	
34. FUNERAL DIRECTOR OR HOSPITAL ADMINISTRATOR  Signature ➤		35. FIRM OR HOSPITAL NAME AND ADDRESS	
		36. DATE FILED BY STATE REGISTRAR (Month, Day, Year)	

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37. IF HOME DELIVERY, WAS DELIVERY PLANNED AT HOME? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				38. MOTHER'S MEDICAL RECORD NO. _____	
39a. WAS MOTHER EVER MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		39b. MOTHER MARRIED? (At birth, conception or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
40. PARENT'S HISPANIC ORIGIN (Check the box or boxes that best describes whether the parent is Spanish, Hispanic, or Latino. Check the "no" box if the parent is not Spanish, Hispanic, or Latino.)		41. PARENT'S RACE (Check one or more races to indicate what you consider yourself to be.)			
<div style="display: flex;"> <div style="flex: 1;"> 40a. MOTHER-  <input type="checkbox"/> No, not Spanish/Hispanic/Latina  <input type="checkbox"/> Yes, Mexican/Mexican American/Chicana  <input type="checkbox"/> Yes, Puerto Rican  <input type="checkbox"/> Yes, Cuban  <input type="checkbox"/> Yes, Central American  <input type="checkbox"/> Yes, South American  <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____  <input type="checkbox"/> Unknown </div> <div style="flex: 1;"> 40b. FATHER-  <input type="checkbox"/> No, not Spanish/Hispanic/Latino  <input type="checkbox"/> Yes, Mexican/Mexican American/Chicano  <input type="checkbox"/> Yes, Puerto Rican  <input type="checkbox"/> Yes, Cuban  <input type="checkbox"/> Yes, Central American  <input type="checkbox"/> Yes, South American  <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____  <input type="checkbox"/> Unknown </div> </div>		<div style="display: flex;"> <div style="flex: 1;"> 41a. MOTHER  <input type="checkbox"/> White  <input type="checkbox"/> Black or African American  <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____  <input type="checkbox"/> Asian Indian  <input type="checkbox"/> Chinese  <input type="checkbox"/> Filipino  <input type="checkbox"/> Japanese  <input type="checkbox"/> Korean  <input type="checkbox"/> Vietnamese  <input type="checkbox"/> Other Asian (Specify) _____  <input type="checkbox"/> Native Hawaiian  <input type="checkbox"/> Guamanian or Chamorro  <input type="checkbox"/> Samoan  <input type="checkbox"/> Other Pacific Islander (Specify) _____  <input type="checkbox"/> Other (Specify) _____  <input type="checkbox"/> Unknown </div> <div style="flex: 1;"> 41b. FATHER  <input type="checkbox"/> White  <input type="checkbox"/> Black or African American  <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____  <input type="checkbox"/> Asian Indian  <input type="checkbox"/> Chinese  <input type="checkbox"/> Filipino  <input type="checkbox"/> Japanese  <input type="checkbox"/> Korean  <input type="checkbox"/> Vietnamese  <input type="checkbox"/> Other Asian (Specify) _____  <input type="checkbox"/> Native Hawaiian  <input type="checkbox"/> Guamanian or Chamorro  <input type="checkbox"/> Samoan  <input type="checkbox"/> Other Pacific Islander (Specify) _____  <input type="checkbox"/> Other (Specify) _____  <input type="checkbox"/> Unknown </div> </div>			
42. ANCESTRY - What is the parents' ancestry or ethnic origin? - Italian, German, Dominican, Vietnamese, Hmong, French Canadian, etc. (Specify below)		43. OCCUPATION AND BUSINESS/INDUSTRY			
		Occupation		Business/Industry (Do not give name of company.)	
42a. MOTHER		43a. MOTHER (Most recent)		43c. MOTHER	
42b. FATHER		43b. FATHER (Usual)		43d. FATHER	
44. EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.)					
<div style="display: flex; flex-wrap: wrap;"> <div style="flex: 1; min-width: 200px;"> 44a. MOTHER'S EDUCATION  <input type="checkbox"/> 8<sup>th</sup> grade or less  <input type="checkbox"/> Some College credit, but no degree  <input type="checkbox"/> Unknown  <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) </div> <div style="flex: 1; min-width: 200px;"> <input type="checkbox"/> 9<sup>th</sup> - 12<sup>th</sup> grade, no diploma  <input type="checkbox"/> Associate degree (e.g., AA, AS)  <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) </div> <div style="flex: 1; min-width: 200px;"> <input type="checkbox"/> High school graduate or GED  <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) </div> </div>					
<div style="display: flex; flex-wrap: wrap;"> <div style="flex: 1; min-width: 200px;"> 44a. FATHER'S EDUCATION  <input type="checkbox"/> 8<sup>th</sup> grade or less  <input type="checkbox"/> Some College credit, but no degree  <input type="checkbox"/> Unknown  <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) </div> <div style="flex: 1; min-width: 200px;"> <input type="checkbox"/> 9<sup>th</sup> - 12<sup>th</sup> grade, no diploma  <input type="checkbox"/> Associate degree (e.g., AA, AS)  <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) </div> <div style="flex: 1; min-width: 200px;"> <input type="checkbox"/> High school graduate or GED  <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) </div> </div>					
45. PREVIOUS LIVE BIRTHS (Do not include this child.)		46. NUMBER OF OTHER OUTCOMES (Spontaneous or induced losses or ectopic or stillbirth pregnancies)		47. PLURALITY – Single, Twin, Triplet, etc. (Specify)	
45a. Now living Number _____ <input type="checkbox"/> None	45b. Now dead Number _____ <input type="checkbox"/> None	46a. Before 20 weeks Number _____ <input type="checkbox"/> None	46b. 20 weeks & over Number _____ <input type="checkbox"/> None	48. IF NOT A SINGLE BIRTH – Born First, Second, Third, etc. (Specify)	
45c. DATE OF LAST LIVE BIRTH (Month, Year)		46c. DATE OF LAST OTHER PREGNANCY OUTCOME (Month, Year)		49. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)	
50. OBSTETRIC ESTIMATE OF GESTATION (Completed Weeks)		51. WEIGHT OF FETUS (grams)			
52. PRENATAL CARE? <input type="checkbox"/> Yes <input type="checkbox"/> No		53. DATE OF FIRST PRENATAL CARE VISIT (Month, Day, Year)		54. DATE OF LAST PRENATAL CARE VISIT (Month, Day, Year)	
55. PRENATAL VISIT – Total number (If none, enter "0")					
56. CIGARETTE SMOKING BEFORE & DURING PREGNANCY: Did mother smoke 3 mos. before or during pregnancy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown For each time period, enter either the number of cigarettes or the number of packs of cigarettes <b>smoked per day</b> . If none, enter "0". Average number of cigarettes or packs of cigarettes smoked <b>per day</b> : <div style="display: flex; justify-content: space-between;"> <span>No.</span> <span>No.</span> </div> Three months before pregnancy: _____ cigarettes or _____ packs First three months of pregnancy: _____ cigarettes or _____ packs Second three months of pregnancy: _____ cigarettes or _____ packs Third Trimester of pregnancy: _____ cigarettes or _____ packs				57. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY <input type="checkbox"/> Medicaid <input type="checkbox"/> Private/Employer Ins. <input type="checkbox"/> Self-pay <input type="checkbox"/> Indian Health Service <input type="checkbox"/> CHAMPUS/TRICARE <input type="checkbox"/> Other government <input type="checkbox"/> Other <input type="checkbox"/> Unknown	
				58a. MOTHER TRANSFERRED IN FOR DELIVERY DUE TO MATERNAL, MEDICAL, OR FETAL INDICATIONS? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name)	
				58b. FACILITY TRANSFERRED FROM: _____	

CHILD'S NAME \_\_\_\_\_  
VS233 Rev. 05/01/2010

MOTHER'S NAME \_\_\_\_\_

PRENATAL	LABOR-DELIVERY/STILLBORN FETUS
<p><b>59. NUTRITION OF MOTHER</b></p> <p>1. Height _____</p> <p>2. Prepregnancy Weight _____</p> <p>3. Weight at delivery _____</p> <p>4. Did mother get WIC food for herself? Yes _____ No _____ Unknown _____</p> <p><b>60. MEDICAL RISK FACTORS</b> (Check all that apply.)</p> <p>1. <input type="checkbox"/> Diabetes, prepregnancy</p> <p>2. <input type="checkbox"/> Diabetes, gestational</p> <p>3. Hypertension <input type="checkbox"/> Prepregnancy (Chronic) <input type="checkbox"/> Gestational (PIH, preeclampsia) <input type="checkbox"/> Eclampsia</p> <p>4. <input type="checkbox"/> Previous preterm birth</p> <p>5. <input type="checkbox"/> Other previous poor pregnancy outcome (SGA, perinatal death, etc.)</p> <p>6. <input type="checkbox"/> Vaginal bleeding during this pregnancy prior to labor</p> <p>7. <input type="checkbox"/> Pregnancy resulted from infertility treatment (If yes, check all that apply.) <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))</p> <p>8. <input type="checkbox"/> Mother had a previous cesarean delivery, if yes, how many Number _____</p> <p>9. <input type="checkbox"/> Alcohol use No. of drinks per week: _____</p> <p>10. <input type="checkbox"/> None of the above</p> <p><b>61. METHOD OF DELIVERY</b></p> <p>1. Forceps attempted? Yes _____ No _____ Successful: Yes _____ No _____</p> <p>2. Vacuum extraction attempted? Yes _____ No _____ Successful: Yes _____ No _____</p> <p>3. Fetal presentation at delivery <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other</p> <p>4. Final route and method of delivery (check one) <input type="checkbox"/> Vaginal/spontaneous <input type="checkbox"/> Vaginal/forceps <input type="checkbox"/> Vaginal/vacuum <input type="checkbox"/> Cesarean, if cesarean was a trial of labor attempted? Yes _____ No _____</p> <p>5. Hysterotomy/Hysterectomy Yes _____ No _____</p>	<p><b>62. MATERNAL MORBIDITY</b> (Check all that apply.) (These are complications associated with labor and delivery.)</p> <p>1. <input type="checkbox"/> Maternal transfusion</p> <p>2. <input type="checkbox"/> Third or fourth degree perineal laceration</p> <p>3. <input type="checkbox"/> Ruptured uterus</p> <p>4. <input type="checkbox"/> Unplanned hysterectomy</p> <p>5. <input type="checkbox"/> Admission to intensive care unit</p> <p>6. <input type="checkbox"/> Unplanned operating room procedure following delivery</p> <p>7. <input type="checkbox"/> None of the above</p> <p><b>63. INFECTIONS PRESENT AND/OR TREATED</b> (During this pregnancy, check all that apply.)</p> <p>1. <input type="checkbox"/> Gonorrhea</p> <p>2. <input type="checkbox"/> Syphilis</p> <p>3. <input type="checkbox"/> Herpes Simplex Virus (HSV)</p> <p>4. <input type="checkbox"/> Chlamydia</p> <p>5. <input checked="" type="checkbox"/> Listeria</p> <p>6. <input type="checkbox"/> Group B Streptococcus</p> <p>7. <input type="checkbox"/> Cytomegalovirus</p> <p>8. <input type="checkbox"/> Parvo virus</p> <p>9. <input type="checkbox"/> Toxoplasmosis</p> <p>10. <input type="checkbox"/> AIDS or HIV antibody</p> <p>11. <input type="checkbox"/> None of the above</p> <p>12. <input type="checkbox"/> Other (Specify) _____</p> <p><b>64. CONGENITAL ANOMALIES OF THE NEWBORN</b> (Check all that apply.)</p> <p>1. <input type="checkbox"/> Anencephaly</p> <p>2. <input checked="" type="checkbox"/> Meningocele/Spina bifida</p> <p>3. <input type="checkbox"/> Cyanotic congenital heart disease</p> <p>4. <input type="checkbox"/> Congenital diaphragmatic hernia</p> <p>5. <input type="checkbox"/> Omphalocele</p> <p>6. <input type="checkbox"/> Gastroschisis</p> <p>7. <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes)</p> <p>8. <input type="checkbox"/> Cleft Lip with or without Cleft Palate</p> <p>9. <input type="checkbox"/> Cleft Palate alone</p> <p>10. <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</p> <p>11. <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</p> <p>12. <input type="checkbox"/> Hypospadias</p> <p>13. <input type="checkbox"/> Fetal alcohol syndrome</p> <p>14. <input type="checkbox"/> Other congenital anomalies (Specify) _____</p> <p>15. <input type="checkbox"/> None of the above</p>

THIS IS NOT PART OF THE CERTIFICATE OF STILLBIRTH

Test required by K.S.A. 65-153F, 153G

Serological Test Made: \_\_\_\_\_ 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> (Trimester) \_\_\_\_\_ At Delivery \_\_\_\_\_ Not Performed

If no test made, state reason: \_\_\_\_\_

Kansas Department of Health and Environment  
Office of Vital Statistics

**CERTIFICATE OF LIVE BIRTH**

115-

State File Number

1. CHILD'S NAME (First, Middle, Last, Suffix)			2. DATE OF BIRTH (Month, Day, Year)		3. TIME OF BIRTH  M		
4. SEX		5. BIRTH WEIGHT (Grams)		6. CITY, TOWN, OR LOCATION OF BIRTH		7. COUNTY OF BIRTH	
8. PLACE OF BIRTH  <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Home Birth <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Other (Specify) _____				9. FACILITY NAME (If not institution, give street and number)			
10. I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Certifier's Signature ➤ _____			11. DATE SIGNED (Month, Day, Year)		12. ATTENDANT'S NAME AND TITLE (Type) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____		
13. Certifier's Name and Title (Type) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Hosp Adm. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____			14. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route, City, or Town, State, Zip Code)				
15. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)				16. MOTHER'S LAST NAME PRIOR TO FIRST MARRIAGE			
17. DATE OF BIRTH (Month, Day, Year)		18. BIRTHPLACE (State, Territory, or Foreign Country)		19. PRESENT RESIDENCE-STATE			
20. COUNTY		21. CITY, TOWN, OR LOCATION		22. STREET AND NUMBER OF PRESENT RESIDENCE			
23. ZIP CODE		24. INSIDE CITY LIMITS?  <input type="checkbox"/> YES <input type="checkbox"/> NO		25. MOTHER'S MAILING ADDRESS (If same as residence, leave blank)			
26. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			27. DATE OF BIRTH (Month, Day, Year)		28. BIRTHPLACE (State, Territory, or Foreign Country)		
29. PARENTS REQUEST SOCIAL SECURITY NUMBER ISSUANCE?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			30. IMMUNIZATION REGISTRY I wish to enroll my child in the Immunization Registry <input type="checkbox"/> YES <input type="checkbox"/> NO				
31. I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THE CERTIFICATE IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Signature of Parent (or Other Informant) ➤ _____			32. DATE SIGNED (Month, Day, Year)		33. DATE FILED BY STATE REGISTRAR (Month, Day, Year) (Vital Statistics only)		

34. IF HOME BIRTH, WAS DELIVERY PLANNED AT HOME? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					
35. MOTHER'S SOCIAL SECURITY NUMBER			36. FATHER'S SOCIAL SECURITY NUMBER		
37a. WAS MOTHER EVER MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		37b. MOTHER MARRIED? (At birth, conception or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
37c. IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED? <input type="checkbox"/> Yes <input type="checkbox"/> No		37d. MOTHER REFUSES TO GIVE HUSBAND'S INFORMATION <input type="checkbox"/> Yes <input type="checkbox"/> No			
38. WHAT IS THE PRIMARY LANGUAGE SPOKEN IN THE HOME? <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Vietnamese <input type="checkbox"/> German <input type="checkbox"/> French <input type="checkbox"/> Russian <input type="checkbox"/> Ukrainian <input type="checkbox"/> Mandarin <input type="checkbox"/> Cantonese <input type="checkbox"/> Sign Language <input type="checkbox"/> Other (Specify) _____					
39. PARENT'S HISPANIC ORIGIN (Check the box or boxes that best describes whether the parent is Spanish, Hispanic, or Latino. Check the "No" box if the parent is not Spanish, Hispanic, or Latino.)		40. PARENT'S RACE (Check one or more races to indicate what you consider yourself to be.)			
39a. MOTHER <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican/Mexican American/Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____ <input type="checkbox"/> Unknown		39b. FATHER <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican/Mexican American/Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____ <input type="checkbox"/> Unknown		40a. MOTHER <input type="checkbox"/> White <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Black or African American <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Chinese <input type="checkbox"/> Samoan <input type="checkbox"/> Filipino <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Japanese <input type="checkbox"/> Unknown <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____	
41. ANCESTRY - What is the parents' ancestry or ethnic origin? - Italian, German, Dominican, Vietnamese, Hmong, French Canadian, etc. (Specify below)		42. OCCUPATION AND BUSINESS/INDUSTRY			
		Occupation		Business/Industry (Do not give name of company.)	
41a. MOTHER		42a. MOTHER (Most recent)		42c. MOTHER	
41b. FATHER		42b. FATHER (Usual)		42d. FATHER	
43. EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.)					
43a. MOTHER'S EDUCATION		43b. FATHER'S EDUCATION			
<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> Some College credit, but no degree <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Unknown		<input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> grade; no diploma <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		<input type="checkbox"/> High school graduate or GED <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)	
44. PREVIOUS LIVE BIRTHS (Do not include this child.)		45. NUMBER OF OTHER OUTCOMES (Spontaneous or induced losses or ectopic or stillbirth pregnancies)		46. PRENATAL CARE? <input type="checkbox"/> Yes <input type="checkbox"/> No	
44a. Now living Number _____ <input type="checkbox"/> None	44b. Now dead Number _____ <input type="checkbox"/> None	45a. Before 20 weeks Number _____ <input type="checkbox"/> None	45b. 20 weeks & over Number _____ <input type="checkbox"/> None	47. DATE OF FIRST PRENATAL CARE VISIT (Month, Day, Year)	
44c. DATE OF LAST LIVE BIRTH (Month, Year)		45c. DATE OF LAST OTHER PREGNANCY OUTCOME (Month, Year)		48. DATE OF LAST PRENATAL CARE VISIT (Month, Day, Year)	
49. PRENATAL VISITS-Total Number (If none, enter "0")		50. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)		51. OBSTETRIC ESTIMATE OF GESTATION (Completed Weeks)	
52. PLURALITY-Single, Twin, Triplet, etc. (Specify)		53. IF NOT A SINGLE BIRTH - Born First, Second, Third, etc. (Specify)		54. TOTAL LIVE BIRTHS AT THIS DELIVERY	
55. IS INFANT ALIVE AT THE TIME OF THIS REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		56. IS INFANT BEING BREAST-FED AT DISCHARGE? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		57. CIGARETTE SMOKING BEFORE & DURING PREGNANCY: Did mother smoke 3 mos. before or during pregnancy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked <b>per day</b> during each time period. If none, enter "0". Average number of cigarettes or packs of cigarettes <b>smoked per day</b> for each period: No. No. Three months before pregnancy: _____ cigarettes or _____ packs First three months of pregnancy: _____ cigarettes or _____ packs Second three months of pregnancy: _____ cigarettes or _____ packs Third Trimester of pregnancy: _____ cigarettes or _____ packs	
58. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY <input type="checkbox"/> Medicaid <input type="checkbox"/> Private/Employer Ins. <input type="checkbox"/> Self-pay <input type="checkbox"/> Indian Health Service <input type="checkbox"/> CHAMPUS/TRICARE <input type="checkbox"/> Other government <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Unknown		59. MOTHER'S MEDICAL RECORD NO.		60. NEWBORN'S MEDICAL RECORD NO.	
61. MOTHER TRANSFERRED IN FOR DELIVERY DUE TO MATERNAL, MEDICAL, OR FETAL INDICATIONS? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name) FACILITY TRANSFERRED FROM:		62. INFANT TRANSFERRED (Within 24 hours of delivery) <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name) FACILITY TRANSFERRED TO:			



CHILD'S NAME \_\_\_\_\_

MOTHER'S NAME \_\_\_\_\_

PRENATAL (Birth)		LABOR-DELIVERY/NEWBORN				
<b>63. NUTRITION OF MOTHER</b> 1. Height _____ 2. Prepregnancy Weight _____ 3. Weight at delivery _____ 4. Did mother get WIC food for herself? Yes _____ No _____ Unknown _____		<b>66. OBSTETRICAL PROCEDURES</b> (Check all that apply.) 1. <input type="checkbox"/> Cervical cerclage 2. <input type="checkbox"/> Tocolysis 3. External cephalic version: <input type="checkbox"/> Successful <input type="checkbox"/> Failed 4. <input type="checkbox"/> None of the above				
<b>64. MEDICAL RISK FACTORS</b> (Check all that apply.) 1. <input type="checkbox"/> Diabetes, prepregnancy 2. <input type="checkbox"/> Diabetes, gestational 3. Hypertension <input type="checkbox"/> Prepregnancy (Chronic) <input type="checkbox"/> Gestational (PIH, preeclampsia) <input type="checkbox"/> Eclampsia 4. <input type="checkbox"/> Previous preterm birth 5. <input type="checkbox"/> Other previous poor pregnancy outcome (SGA, perinatal death, etc.) 6. <input type="checkbox"/> Vaginal bleeding during this pregnancy prior to labor 7. <input type="checkbox"/> Pregnancy resulted from infertility treatment (If yes, check all that apply.) <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT)) 8. <input type="checkbox"/> Mother had a previous cesarean delivery, if yes, how many? Number: _____ 9. <input type="checkbox"/> Alcohol use No. of drinks per week: _____ 10. <input type="checkbox"/> None of the above		<b>70. INFECTIONS PRESENT AND/OR TREATED</b> (During this pregnancy, check all that apply.) 1. <input type="checkbox"/> Gonorrhea 2. <input type="checkbox"/> Syphilis 3. <input type="checkbox"/> Herpes Simplex Virus (HSV) 4. <input type="checkbox"/> Chlamydia 5. <input type="checkbox"/> Hepatitis B 6. <input type="checkbox"/> Hepatitis C 7. <input type="checkbox"/> AIDS or HIV antibody 8. <input type="checkbox"/> None of the above				
		<b>71. ABNORMAL CONDITIONS OF NEWBORN</b> (Check all that apply) 1. <input type="checkbox"/> Assisted ventilation required immediately following delivery 2. <input type="checkbox"/> Assisted ventilation required for more than six hours 3. <input type="checkbox"/> NICU admission 4. <input type="checkbox"/> Newborn given surfactant replacement therapy 5. <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis 6. <input type="checkbox"/> Seizure or serious neurologic dysfunction 7. <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) 8. <input type="checkbox"/> None of the above				
		<b>72. VACCINES ADMINISTERED TO NEWBORN</b> 1. <input type="checkbox"/> Hepatitis B Date Given: _____ 2. <input type="checkbox"/> Other* Specify: _____ Date Given: _____				
		<b>73. APGAR SCORE</b> <table border="1"> <tr> <td>1 min</td> <td>5 min</td> <td>10 min</td> </tr> </table>		1 min	5 min	10 min
1 min	5 min	10 min				
<b>65. METHOD OF DELIVERY</b> 1. Forceps attempted? Yes _____ No _____ Successful Yes _____ No _____ 2. Vacuum extraction attempted? Yes _____ No _____ Successful Yes _____ No _____ 3. Fetal presentation at delivery <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other 4. Final route and method of delivery (check one) <input type="checkbox"/> Vaginal/spontaneous <input type="checkbox"/> Vaginal/forceps <input type="checkbox"/> Vaginal/vacuum <input type="checkbox"/> Cesarean, if cesarean was a trial of labor attempted? Yes _____ No _____		<b>68. CHARACTERISTICS OF LABOR AND DELIVERY</b> (Check all that apply.) 1. <input type="checkbox"/> Induction of labor 2. <input type="checkbox"/> Augmentation of labor 3. <input type="checkbox"/> Non-vertex presentation 4. <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery 5. <input type="checkbox"/> Antibiotics received by the mother during labor 6. <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or maternal temperature $\geq 38^{\circ}\text{C}$ ( $100.4^{\circ}\text{F}$ ) 7. <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid 8. <input type="checkbox"/> Fetal intolerance of labor: (examples: in-utero resuscitative measures, further fetal assessment, or operative delivery) 9. <input type="checkbox"/> Epidural or spinal anesthesia during labor 10. <input type="checkbox"/> None of the above				
		<b>74. CONGENITAL ANOMALIES OF THE NEWBORN</b> (Check all that apply.) 1. <input type="checkbox"/> Anencephaly 2. <input type="checkbox"/> Meningocele/Spina bifida 3. <input type="checkbox"/> Cyanotic congenital heart disease 4. <input type="checkbox"/> Congenital diaphragmatic hernia 5. <input type="checkbox"/> Omphalocele 6. <input type="checkbox"/> Gastroschisis 7. <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) 8. <input type="checkbox"/> Cleft Lip with or without Cleft Palate 9. <input type="checkbox"/> Cleft Palate alone 10. <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending 11. <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending 12. <input type="checkbox"/> Hypospadias 13. <input type="checkbox"/> Fetal alcohol syndrome 14. <input type="checkbox"/> Other congenital anomalies (Specify) _____ 15. <input type="checkbox"/> None of the above				
		<b>69. MATERNAL MORBIDITY</b> (Check all that apply.) (These are complications associated with labor and delivery.) 1. <input type="checkbox"/> Maternal transfusion 2. <input type="checkbox"/> Third or fourth degree perineal laceration 3. <input type="checkbox"/> Ruptured uterus 4. <input type="checkbox"/> Unplanned hysterectomy 5. <input type="checkbox"/> Admission to intensive care unit 6. <input type="checkbox"/> Unplanned operating room procedure following delivery 7. <input type="checkbox"/> None of the above				

Parent's Telephone Number: \_\_\_\_\_

CHILD'S NAME \_\_\_\_\_

MOTHER'S NAME \_\_\_\_\_

Test required by K.S.A. 65-153f 153G Serological Test Made:  _____ 1 <sup>st</sup> _____ 2 <sup>nd</sup> _____ 3 <sup>rd</sup> (Trimester) _____ At Delivery _____ Not Performed If no test made, state reason:	Test required by K.S.A. 65-180 Infant Neonatal Screening specimen taken:  _____ Yes _____ No Kit Number _____ If no test made, state reason:	Test required by K.S.A. 65-1157A Newborn Hearing Screening Accomplished:  _____ Yes _____ No	
Infant's patient number:			
Infant's Primary Care Physician			
First	Middle	Last	Title (MD, DO, etc.)
If screening accomplished, Date hearing screened _____ / _____ / _____ <div style="display: flex; justify-content: space-between; font-size: small;"> <span>Month</span> <span>Day</span> <span>Year</span> </div>		The results of the hearing screening ✓: <div style="display: flex; justify-content: space-between;"> <div>           Right ear: _____ Pass            Left ear: _____ Pass         </div> <div>           _____ Refer for further testing            _____ Refer for further testing         </div> </div>	
Physiologic equipment used ✓: _____ OAE    _____ AABR    _____ ABR			
If screening not accomplished, ✓ one reason: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">           _____ b – missed appointment            _____ c – could not test            _____ d – deceased            _____ i – Incomplete test            _____ m – Infant discharged before screening            _____ n – transferred to NICU         </div> <div style="width: 50%;">           _____ o – other            _____ r – did not consent            _____ s – scheduled but not completed            _____ t – transferred to another hospital            _____ u – no information            _____ x – invalid results         </div> </div>			

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KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
Bureau of Epidemiology and Public Health Informatics  
Curtis State Office Building, Suite 130  
1000 SW Jackson  
Topeka, Kansas 66612-1354  
785-296-8627

Report of Induced Termination of Pregnancy

State File Number

INSTRUCTIONS SEE HANDBOOK

1. Provider Identification Number			
2. Patient ID Number	3. Age on Last Birthday	4. Married <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date of Pregnancy Termination <div> <div>Month</div> <div>Day</div> <div>Year</div> </div>
6a. Residence US State or Country	6b. County	6c. City or Town	6d. Inside City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No
7a. Hispanic Origin (Check the box or boxes that best describes whether the individual is Spanish, Hispanic, or Latina, or not Spanish, Hispanic, or Latina) <input type="checkbox"/> Not Spanish, Hispanic, or Latina <input type="checkbox"/> Mexican, Mexican American, or Chicana <input type="checkbox"/> Puerto Rican <input type="checkbox"/> Cuban <input type="checkbox"/> Central American <input type="checkbox"/> South American <input type="checkbox"/> Other Spanish, Hispanic, or Latina (specify) _____ <input type="checkbox"/> Unknown		7b. Ancestry (Enter the name of the country that best describes the heritage or origin of the individual) _____ 8. Race (Check one or more races to indicate what the individual considers herself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native Principal Tribe(s) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (specify) _____ <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Unknown	
9. Education (specify only highest grade completed) <input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th-12th grade no diploma <input type="checkbox"/> High school graduate/GED <input type="checkbox"/> Some College - no degree <input type="checkbox"/> Associate degree <input type="checkbox"/> Bachelor's degree <input type="checkbox"/> Master's degree <input type="checkbox"/> Doctorate <input type="checkbox"/> Unknown			
10. Date Last Normal Menses Began <div> <div>Month</div> <div>Day</div> <div>Year</div> </div>		11. Clinical Estimate of Gestation (Weeks) (1)	
		12. Previous Pregnancies (Enter number or zero in every section)	
		Live Births	
		12a. Now Living	12b. Now Dead
		12c. Previous Induced Abortions	12d. Spontaneous Terminations (Miscarriages, Fetal Deaths)
13. TERMINATION PROCEDURES			
13a. Procedure that terminated pregnancy (Check only one) <input type="checkbox"/> Suction Curettage <input type="checkbox"/> Sharp Curettage <input type="checkbox"/> Dilation & Evacuation <input type="checkbox"/> Medical Procedure I (Mifepristone) <input type="checkbox"/> Medical Procedure II (Methotrexate) <input type="checkbox"/> Intra-Uterine Prostaglandin Instillation <input type="checkbox"/> Hysterotomy <input type="checkbox"/> Hysterectomy <input type="checkbox"/> Digoxin/Induction <input type="checkbox"/> Partial Birth (2) <input type="checkbox"/> Other (Specify) _____		13b. Additional procedures used for this termination, if any (Check all that apply) <input type="checkbox"/> Suction Curettage <input type="checkbox"/> Sharp Curettage <input type="checkbox"/> Dilation & Evacuation <input type="checkbox"/> Medical Procedure I (Mifepristone) <input type="checkbox"/> Medical Procedure II (Methotrexate) <input type="checkbox"/> Intra-Uterine Prostaglandin Instillation <input type="checkbox"/> Hysterotomy <input type="checkbox"/> Hysterectomy <input type="checkbox"/> Digoxin/Induction <input type="checkbox"/> Partial Birth (2) <input type="checkbox"/> Other (Specify) _____	
14. Reasons for determining gestational age - describe methods used			
15. Was Report of physical, mental, or emotional abuse or neglect filed pursuant to K.S.A. 38-2223 YES <input type="checkbox"/> NO <input type="checkbox"/>			

1 If clinical estimate of gestational age is 22 weeks or more, complete reverse side of form

2 If Partial Birth Procedure as defined by KSA 65-6721 is used, complete reverse side of form

VS 213 Rev. 6/2012

**Complete the following items only if the clinical estimate of gestational age is 22 weeks or more**

- 16a Was fetus viable?  
☐ YES ☐ NO
- 16b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes

Complete 17a-c only if 16a is yes

- 17a Was this abortion necessary to  
 (Check all that apply)
- ☐ Prevent patient's death
- ☐ Prevent substantial and irreversible impairment of a major bodily function
- 17b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes
- 17c Basis for determination - describe medical reasons and basis; include medical procedure/diagnosis codes

**Complete the following items only if a partial birth procedure was performed**

- 18a Was fetus viable?  
☐ YES ☐ NO
- 18b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes

Complete 19a-b only if 18a is yes

- 19a Was this abortion necessary to  
 (Check all that apply)
- ☐ Prevent patient's death
- ☐ Prevent substantial and irreversible physical impairment of a major bodily function
- 19b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes